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Texas Occupational Employment Statistics

Industry Staffing Patterns

1985
State and Local Government

TEXAS EMPLOYMENT COMMISSION
In cooperation with the U.S. Department of Labor
Bureau of Labor Statistics
Issued October 1987

TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

INDUSTRY STAFFING PATTERNS FOR STATE AND LOCAL GOVERNMENT

May 1985

Prepared by
Texas Employment Commission
Economic Research and Analysis
TEC Building
Austin, Texas 78778

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PREFACE

This publication summarizes the results of an occupational employment survey of state and local government in Texas.

This report is the product of a Federal-State Cooperative Program. The Bureau of Labor Statistics (BLS) developed the procedures and provided technical assistance. The Department of Labor through BLS funded the project and was responsible for the administrative aspects of the program. The Texas Employment Commission collected and analyzed the data, provided the necessary computer services, and published the findings.

Special thanks are extended to the many cooperating employers who provided the survey data which made this publication possible.

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INTRODUCTION

The Occupational Employment Statistics (OES) Program is an ongoing Federal-State Cooperative Program that produces current estimates of industry staffing patterns by occupation through periodic surveys of the nonfarm wage and salary sector of the Texas economy. It consists of three parts: the OES survey, the industry-occupation matrix, and projections. This publication presents the results of the survey phase.

The program's primary purpose is to collect and summarize current occupational data by industry which will be used to measure and define occupational needs and trends. The data will also be used to refine and modify the worker-demand projections generated through the Industry-Occupation Matrix. The OES program has continued to expand and develop in order to meet the changing needs of data users, such as companies considering new plant locations, business firms involved in research projects, vocational education groups developing curricula, as well as Private Industry Councils, job-seekers, guidance counselors, community leaders, chambers of commerce, students, etc.

Occupational staffing patterns are presented for the government sector. Data was collected for the survey week of May 12, 1985.

This publication and other industry publications will be updated at three-year intervals to provide a better basis for decision-making at all levels of human resource planning and development. Other publications providing industry and occupational data are available from the Texas Employment Commission upon request.

METHODOLOGY

THE SAMPLE

State Government

Total universe employment was used.

Local Government

Sampling frame was selected from the 2nd Quarter ES-202, Quarterly Report of Employment and Wages. The universe was stratified into three-digit Standard Industrial Classification (SIC) codes, each consisting of six employment size classes (1-9, 10-19, 20-49, 50-99, 100-249, and 250 plus). Procedures involved selecting all certainty cases (establishments having 250 or more employees). Firms with fewer than 250 employees were subject to sample selection on a random basis. Each unit was given a weight according to the proportion of firms selected in each size class.

COLLECTION PROCEDURES

State Government

Data was provided in printout form by the Position Classification Division of the State Auditor's Office.

Local Government

The majority of the data was collected by mail. Each selected establishment received a structured schedule for their specific industry. The survey form includes instructions, occupational titles and definitions, establishment identification, and a three-digit SIC description. An open-end feature allows respondents to report occupations not listed or new emerging occupations.

Survey procedures included three follow-up mailings to nonrespondents. The telephone was used extensively to clarify data and to canvass critical nonrespondents.

SAMPLING ERROR

State Government

No sampling error because universe employment was used.

Local Government

Relative standard error is presented for use in measuring sampling error. The relative standard error is an arithmetic measure of the precision of the estimates. It is the error that results from the difference between data obtained if the same survey methods were applied to collecting identical information from the entire population or universe.

The relative error expresses the standard error of an estimate as a percentage of that estimate and creates an interval around the estimate. The total estimated employment multiplied by the relative error gives a figure which can be added to and subtracted from the estimate to obtain an upper and lower limit or interval. A level of confidence is then associated with this interval. It is based on the number of relative standard errors that were added to the estimate and is the probability that the interval will cover the true population value. An interval that is based on one relative error has a 68% level of confidence and one based on two relative errors has a level of 95%. For example, suppose an estimated employment of 500 and a relative error of 10% is given for an occupation. This means that with a 68% confidence level, the true number of workers in that occupation would fall between 450 and 550.

NONSAMPLING ERROR

Nonsampling error results from several aspects of the survey process, such as respondent error, processing errors, questionnaire design, etc. It cannot be measured with reasonable precision, therefore, survey procedures and estimating processes have been designed to minimize it.

ESTIMATING PROCEDURES

State Government

Procedures are the same as for Local Government, except that state government consists of only one estimating cell.

Local Government

All establishments in a given estimating cell were assigned a sample weight which was the inverse of the sampling ratio. Employment for each occupation was multiplied by its establishments sample weight and summed for all sample establishments in one cell. Summed total employment in each establishment was multiplied by that establishment's sample weight and summed for all establishments in the cell. Weighted total establishment employment was expressed as a percent of weighted summed establishment employment to form the ratio for the estimate.

This was the arithmetic expression of the occupational pattern for the estimated cell. The benchmark figures for the survey month (May 1985) were divided by the weighted total establishment employment. Each weighted reported occupational employment in the cell was multiplied by this ratio to get the estimated employment for each occupation. To aggregate across size classes, all these estimates were added to get one total estimate for each occupation.

CONSIDERATIONS IN USING THE ESTIMATES

RELATIVE ERROR

From an accuracy standpoint, the higher the relative error, the less accurate the estimate. If relative errors exceeded fifty percent (50%), the employment from these occupations was merged with the employment of a relevant "all other" category.

ROUNDING AND OCCUPATIONS WITH LESS THAN TEN EMPLOYMENT

All estimates were rounded to the nearest ten (10). The percent distribution column may not add up to one hundred percent (100%) because of the computer rounding procedure.

Occupations with employment less than ten (10) were combined with a relevant "all other" category. "N.A." means not applicable.

The employment count reflects the number of jobs and not the number of persons holding jobs.

STATE GOVERNMENT

State government includes all state agencies, regulatory boards, schools and homes, and mental health and mental retardation centers. It also includes the Senate, House of Representatives, and the Supreme Court and the lower state courts. Excluded are hospitals and educational institutions such as elementary and secondary schools, high schools, universities, colleges, junior colleges, and technical institutions. Hospitals and education will be covered in separate surveys.

STATE GOVERNMENT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	96,280	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	5,110	5.28	N.A.	N.A.
FINANCIAL MANAGERS	70	0.07	0.00	0.00
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	80	0.08	0.00	0.00
PURCHASING MANAGERS	20	0.02	0.00	0.00
ADMINISTRATIVE SERVICES MANAGERS	20	0.02	0.00	0.00
MEDICINE AND HEALTH SERVICES MANAGERS	40	0.04	0.00	0.00
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	60	0.06	0.00	0.00
CHIEF EXECUTIVES, LEGISLATORS, AND GENERAL ADMINISTRATORS, PUBLIC ADMINISTRATION	240	0.24	0.00	0.00
GENERAL MANAGERS AND TOP EXECUTIVES	2,980	3.09	0.00	0.00
ALL OTHER MANAGERS AND ADMINISTRATORS	1,600	1.66	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	39,810	41.14	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	2,710	2.81	N.A.	N.A.
BUDGET ANALYSTS	1,370	1.42	0.00	0.00
ALL OTHER FINANCIAL SPECIALISTS	1,340	1.39	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	380	0.39	0.00	0.00
CLAIMS TAKERS, UNEMPLOYMENT BENEFITS	80	0.08	0.00	0.00
EMPLOYMENT INTERVIEWERS, PRIVATE OR PUBLIC EMPLOYMENT SERVICE	1,870	1.94	0.00	0.00
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	700	0.72	0.00	0.00
COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS, EXCEPT CONSTRUCTION	1,580	1.64	0.00	0.00
TAX EXAMINERS, COLLECTORS, AND REVENUE AGENTS	1,430	1.48	0.00	0.00
ASSESSORS	100	0.10	0.00	0.00
ALL OTHER MANAGEMENT SUPPORT WORKERS	2,070	2.14	N.A.	N.A.
ENGINEERS	1,100	1.13	N.A.	N.A.
CIVIL ENGINEERS, INCLUDING TRAFFIC	960	0.99	0.00	0.00
ALL OTHER ENGINEERS	140	0.14	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	4,480	4.64	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	3,650	3.79	0.00	0.00
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	600	0.62	0.00	0.00
DRAFTERS	120	0.12	0.00	0.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	110	0.11	N.A.	N.A.
PHYSICAL SCIENTISTS	230	0.23	N.A.	N.A.

STATE GOVERNMENT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
LIFE SCIENTISTS	300	0.31	N.A.	N.A.
AGRICULTURAL AND FOOD SCIENTISTS	20	0.02	0.00	0.00
BIOLOGICAL SCIENTISTS	270	0.28	0.00	0.00
ALL OTHER LIFE SCIENTISTS	10	0.01	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	540	0.56	0.00	0.00
COMPUTER SCIENTISTS AND RELATED WORKERS	1,700	1.76	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	1,090	1.13	0.00	0.00
COMPUTER PROGRAMMERS	610	0.63	0.00	0.00
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	140	0.14	N.A.	N.A.
MATHEMATICAL SCIENTISTS	140	0.14	0.00	0.00
SOCIAL SCIENTISTS, INCLUDING URBAN AND REGIONAL PLANNERS	510	0.52	N.A.	N.A.
PSYCHOLOGISTS	340	0.35	0.00	0.00
ALL OTHER SOCIAL SCIENTISTS	170	0.17	N.A.	N.A.
SOCIAL WORKERS, MEDICAL AND PSYCHIATRIC	210	0.21	0.00	0.00
SOCIAL WORKERS, EXCEPT MEDICAL AND PSYCHIATRIC	7,560	7.85	0.00	0.00
SOCIAL SERVICE TECHNICIANS	320	0.33	0.00	0.00
RECREATION WORKERS	760	0.78	0.00	0.00
JUDGES AND MAGISTRATES	510	0.52	0.00	0.00
ADJUDICATORS, HEARINGS OFFICERS, AND JUDICIAL REVIEWERS	190	0.19	0.00	0.00
LAWYERS	890	0.92	0.00	0.00
LAW CLERKS	110	0.11	0.00	0.00
LIBRARIANS, PROFESSIONAL	50	0.05	0.00	0.00
VOCATIONAL AND EDUCATIONAL COUNSELORS	540	0.56	0.00	0.00
INSTRUCTIONAL COORDINATORS	300	0.31	0.00	0.00
PHYSICIANS AND SURGEONS	170	0.17	0.00	0.00
THERAPISTS	240	0.24	0.00	0.00
REGISTERED NURSES	1,240	1.28	0.00	0.00
LICENSED PRACTICAL NURSES	1,020	1.05	0.00	0.00
ALL OTHER HEALTH PROFESSIONALS, PARAPROFESSIONALS, AND TECHNICIANS	3,870	4.01	N.A.	N.A.
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	80	0.08	0.00	0.00
TRAFFIC TECHNICIANS	160	0.16	0.00	0.00
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	1,670	1.73	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	22,770	23.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,070	1.11	0.00	0.00
COURT CLERKS	80	0.08	0.00	0.00
SECRETARIES	5,490	5.70	0.00	0.00
STENOGRAPHERS	1,080	1.12	0.00	0.00

STATE GOVERNMENT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
RECEPTIONISTS AND INFORMATION CLERKS	40	0.04	0.00	0.00
TYPISTS	1,510	1.56	0.00	0.00
TYPISTS, WORD PROCESSING EQUIPMENT	300	0.31	0.00	0.00
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	230	0.23	0.00	0.00
FILE CLERKS	20	0.02	0.00	0.00
STATISTICAL CLERKS	80	0.08	0.00	0.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,020	1.05	0.00	0.00
BILLING, COST AND RATE CLERKS	210	0.21	0.00	0.00
GENERAL OFFICE CLERKS	6,560	6.81	0.00	0.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	1,530	1.57	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	140	0.14	0.00	0.00
PERIPHERAL EDP EQUIPMENT OPERATORS	410	0.42	0.00	0.00
DATA ENTRY KEYERS, EXCEPT COMPOSING	980	1.01	0.00	0.00
SWITCHBOARD OPERATORS	70	0.07	0.00	0.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	500	0.51	N.A.	N.A.
DISPATCHERS- POLICE, FIRE, AND AMBULANCE	220	0.22	0.00	0.00
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	280	0.29	0.00	0.00
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	2,980	3.09	N.A.	N.A.
SERVICE OCCUPATIONS	24,380	25.23	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	1,510	1.56	N.A.	N.A.
POLICE DETECTIVES	340	0.35	0.00	0.00
POLICE PATROL OFFICERS	2,570	2.66	0.00	0.00
CORRECTION OFFICERS AND JAILERS	7,690	7.98	0.00	0.00
FISH AND GAME WARDENS	420	0.43	0.00	0.00
GUARDS AND WATCH GUARDS	160	0.16	0.00	0.00
ALL OTHER PROTECTIVE SERVICE WORKERS	610	0.63	N.A.	N.A.
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	1,340	1.38	N.A.	N.A.
FOOD PREPARATION WORKERS	850	0.88	0.00	0.00
ALL OTHER FOOD SERVICE WORKERS	490	0.50	N.A.	N.A.
HEALTH SERVICE AND RELATED WORKERS	8,230	8.53	N.A.	N.A.
NURSING AIDES, ORDERLIES, AND ATTENDANTS	7,250	7.52	0.00	0.00
ALL OTHER HEALTH SERVICE WORKERS	980	1.01	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	1,020	1.05	0.00	0.00
AMUSEMENT AND RECREATION ATTENDANTS	70	0.07	0.00	0.00
ALL OTHER SERVICE WORKERS	420	0.43	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	630	0.64	N.A.	N.A.

STATE GOVERNMENT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FOREST AND CONSERVATION WORKERS	10	0.01	0.00	0.00
GARDENERS AND GROUNDSKEEPERS, EXCEPT FARM	150	0.15	0.00	0.00
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	470	0.48	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,580	3.67	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,900	1.96	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	680	0.70	0.00	0.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	50	0.05	0.00	0.00
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	1,170	1.21	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	120	0.12	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	590	0.61	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, WATER OR POWER GENERATION PLANT	590	0.61	0.00	0.00
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	120	0.12	N.A.	N.A.
ELECTRICIANS	120	0.12	0.00	0.00
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	260	0.27	0.00	0.00
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	40	0.04	0.00	0.00
PLANT AND SYSTEM WORKERS	80	0.08	N.A.	N.A.
STATIONARY ENGINEERS	80	0.08	0.00	0.00
MOTOR VEHICLE OPERATORS	250	0.25	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	20	0.02	0.00	0.00
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	230	0.23	0.00	0.00
SERVICE STATION ATTENDANTS	20	0.02	0.00	0.00
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	200	0.20	N.A.	N.A.

LOCAL GOVERNMENT

Local government includes municipal and county governments and special districts.

Functions of these entities include: law enforcement; water and wastewater services; electric service; water and resource management; individual and family social services; health program administration; highway and street construction and maintenance; public finance, taxation and monetary policies; municipal and county courts, educational program administration; regulation, licensing and inspection; libraries and information centers; outpatient care facilities; airports, fire protection; parks and recreation services; and refuse and sewage systems.

LOCAL GOVERNMENT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	224,160	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	9,090	4.00	N.A.	N.A.
FINANCIAL MANAGERS	640	0.28	19.26	85.14
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	300	0.13	29.79	65.54
PURCHASING MANAGERS	140	0.06	41.94	50.68
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	70	0.03	6.67	17.57
ADMINISTRATIVE SERVICES MANAGERS	400	0.17	27.32	37.16
MEDICINE AND HEALTH SERVICES MANAGERS	220	0.09	22.56	18.92
CONSTRUCTION MANAGERS	230	0.10	20.00	27.03
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	1,000	0.44	43.38	47.97
CHIEF EXECUTIVES, LEGISLATORS, AND GENERAL ADMINISTRATORS, PUBLIC ADMINISTRATION	1,650	0.73	23.09	59.46
GENERAL MANAGERS AND TOP EXECUTIVES	2,330	1.03	10.03	68.92
ALL OTHER MANAGERS AND ADMINISTRATORS	2,110	0.94	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	38,110	16.72	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	2,510	1.11	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	2,090	0.93	20.16	75.00
BUDGET ANALYSTS	150	0.06	12.53	28.38
ALL OTHER FINANCIAL SPECIALISTS	270	0.12	42.04	18.92
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	210	0.09	8.73	50.68
EMPLOYMENT INTERVIEWERS, PRIVATE OR PUBLIC EMPLOYMENT SERVICE	80	0.03	22.17	21.62
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	430	0.19	5.24	42.57
MANAGEMENT ANALYSTS	250	0.11	13.84	48.24
CONSTRUCTION AND BUILDING INSPECTORS	1,590	0.70	11.80	57.43
COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS, EXCEPT CONSTRUCTION	1,590	0.70	6.15	50.68
TAX EXAMINERS, COLLECTORS, AND REVENUE AGENTS	1,350	0.60	35.85	45.27
ALL OTHER MANAGEMENT SUPPORT WORKERS	2,920	1.30	N.A.	N.A.
ENGINEERS	1,500	0.65	N.A.	N.A.
CIVIL ENGINEERS, INCLUDING TRAFFIC	1,050	0.46	12.01	62.16
ELECTRICAL AND ELECTRONIC ENGINEERS	250	0.11	6.89	14.19
ALL OTHER ENGINEERS	200	0.08	5.81	14.86
SURVEYING AND MAPPING SCIENTISTS	130	0.05	9.30	19.59
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	2,220	0.96	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	730	0.32	5.05	38.51
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND				

LOCAL GOVERNMENT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TECHNOLOGISTS	290	0.12	7.45	18.92
DRAFTERS	600	0.26	7.34	47.30
SURVEYING AND MAPPING TECHNICIANS AND TECHNOLOGISTS	390	0.17	9.24	26.35
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	210	0.09	6.27	18.92
PHYSICAL SCIENTISTS	220	0.09	N.A.	N.A.
LIFE SCIENTISTS	190	0.08	N.A.	N.A.
BIOLOGICAL SCIENTISTS	120	0.05	6.06	10.14
ALL OTHER LIFE SCIENTISTS	70	0.03	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	180	0.08	4.36	19.59
COMPUTER SCIENTISTS AND RELATED WORKERS	1,050	0.45	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	410	0.18	3.26	43.92
COMPUTER PROGRAMMERS	560	0.24	4.38	56.08
COMPUTER PROGRAMMER AIDES	80	0.03	23.83	19.59
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	40	0.01	N.A.	N.A.
MATHEMATICAL SCIENTISTS	40	0.01	8.24	8.78
SOCIAL SCIENTISTS, INCLUDING URBAN AND REGIONAL PLANNERS	430	0.18	N.A.	N.A.
URBAN AND REGIONAL PLANNERS	280	0.12	20.62	31.76
PSYCHOLOGISTS	70	0.03	15.91	9.46
ALL OTHER SOCIAL SCIENTISTS	80	0.03	N.A.	N.A.
SOCIAL WORKERS, MEDICAL AND PSYCHIATRIC	800	0.35	13.25	15.54
SOCIAL WORKERS, EXCEPT MEDICAL AND PSYCHIATRIC	1,610	0.71	15.39	27.03
SOCIAL SERVICE TECHNICIANS	220	0.09	10.99	12.84
RECREATION WORKERS	4,070	1.81	17.35	48.65
JUDGES AND MAGISTRATES	1,580	0.70	18.78	64.19
ADJUDICATORS, HEARINGS OFFICERS, AND JUDICIAL REVIEWERS	80	0.03	20.08	5.41
LAWYERS	2,640	1.17	24.08	73.65
LAW CLERKS	70	0.03	45.38	8.11
ALL OTHER LEGAL ASSISTANTS AND TECHNICIANS, EXCEPT CLERICAL	330	0.14	N.A.	N.A.
FARM AND HOME MANAGEMENT ADVISORS	450	0.20	33.47	18.24
LIBRARIANS, PROFESSIONAL	1,390	0.62	9.88	56.76
TECHNICAL ASSISTANTS, LIBRARY	420	0.18	9.75	30.41
INSTRUCTIONAL COORDINATORS	80	0.03	12.69	8.78
PHYSICIANS AND SURGEONS	160	0.07	36.28	20.95
REGISTERED NURSES	690	0.30	15.42	34.46
LICENSED PRACTICAL NURSES	440	0.19	31.22	22.97
EMERGENCY MEDICAL TECHNICIANS	700	0.31	26.14	16.89
DIETITIANS AND NUTRITIONISTS	80	0.03	5.81	16.89
ALL OTHER HEALTH PROFESSIONALS, PARAPROFESSIONALS, AND TECHNICIANS	670	0.29	N.A.	N.A.
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	170	0.07	5.67	20.27

LOCAL GOVERNMENT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TRAFFIC TECHNICIANS	220	0.09	6.06	22.30
RADIO OPERATORS	130	0.05	35.20	10.81
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	4,220	1.88	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,610	0.70	N.A.	N.A.
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	60	0.02	N.A.	N.A.
APPRAISERS, REAL ESTATE	60	0.02	32.59	4.73
CASHIERS	1,360	0.60	23.15	40.54
ALL OTHER SALES AND RELATED WORKERS	190	0.08	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	44,700	19.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,170	1.41	45.00	74.32
WELFARE ELIGIBILITY WORKERS AND INTERVIEWERS	190	0.08	32.29	14.86
COURT CLERKS	2,240	0.99	13.81	67.57
MUNICIPAL CLERKS	790	0.35	37.66	41.89
LICENSE CLERKS	850	0.37	34.50	27.70
LIBRARY ASSISTANTS AND BOOKMOBILE DRIVERS	1,710	0.76	9.11	43.24
TEACHERS' AIDES AND EDUCATIONAL ASSISTANTS, CLERICAL	190	0.08	13.98	6.08
SECRETARIES	8,240	3.67	11.19	95.95
STENOGRAPHERS	790	0.35	16.87	35.81
RECEPTIONISTS AND INFORMATION CLERKS	570	0.25	12.36	41.22
TYPISTS	2,150	0.95	4.62	46.62
TYPISTS, WORD PROCESSING EQUIPMENT	670	0.29	9.21	29.05
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	210	0.09	12.15	45.27
FILE CLERKS	860	0.38	15.26	24.32
STATISTICAL CLERKS	40	0.01	9.25	10.81
CUSTOMER SERVICE REPRESENTATIVES, UTILITIES	840	0.37	12.46	41.22
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	2,400	1.07	18.37	85.14
PAYROLL AND TIMEKEEPING CLERKS	310	0.13	22.33	58.11
BILLING, COST AND RATE CLERKS	220	0.09	28.03	24.32
GENERAL OFFICE CLERKS	6,800	3.03	12.34	68.24
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	1,490	0.65	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	540	0.24	41.69	42.57
PERIPHERAL EDP EQUIPMENT OPERATORS	90	0.04	8.15	11.49
DATA ENTRY KEYERS, EXCEPT COMPOSING	690	0.30	13.13	42.57
ALL OTHER OFFICE MACHINE OPERATORS	170	0.07	N.A.	N.A.
SWITCHBOARD OPERATORS	680	0.30	14.92	70.95
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	100	0.04	5.72	31.76

LOCAL GOVERNMENT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MESSENGERS	80	0.03	4.75	17.57
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	7,310	3.23	N.A.	N.A.
DISPATCHERS- POLICE, FIRE, AND AMBULANCE	3,220	1.43	20.05	70.95
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	420	0.18	23.73	27.70
METER READERS, UTILITIES	2,570	1.14	31.96	52.03
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	780	0.34	6.01	56.08
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	230	0.10	12.57	15.54
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	90	0.04	9.31	8.11
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	1,800	0.80	N.A.	N.A.
SERVICE OCCUPATIONS	62,700	27.84	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	7,280	3.23	N.A.	N.A.
FIRE FIGHTING AND PREVENTION SUPERVISORS	2,750	1.22	8.90	54.05
POLICE AND DETECTIVE SUPERVISORS	3,750	1.67	15.61	58.78
ALL OTHER SERVICE SUPERVISORS AND MANAGER/SUPERVISORS	780	0.34	24.19	29.05
FIRE INSPECTORS	560	0.24	12.66	45.95
FOREST FIRE INSPECTORS AND PREVENTION SPECIALISTS	160	0.07	17.23	2.70
FIRE FIGHTERS	12,070	5.38	5.82	49.32
POLICE DETECTIVES	1,790	0.79	11.97	45.27
POLICE PATROL OFFICERS	19,720	8.79	7.25	62.84
CORRECTION OFFICERS AND JAILERS	4,210	1.87	21.14	43.24
PARKING ENFORCEMENT OFFICERS	190	0.08	5.87	27.03
BAILIFFS	420	0.18	11.14	28.38
SHERIFFS AND DEPUTY SHERIFFS	3,900	1.73	23.79	27.03
CROSSING GUARDS	1,810	0.80	12.96	30.41
GUARDS AND WATCH GUARDS	710	0.31	6.30	16.89
ALL OTHER PROTECTIVE SERVICE WORKERS	2,770	1.23	N.A.	N.A.
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	860	0.38	N.A.	N.A.
HEALTH SERVICE AND RELATED WORKERS	710	0.30	N.A.	N.A.
MEDICAL ASSISTANTS	40	0.01	11.34	4.05
NURSING AIDES, ORDERLIES, AND ATTENDANTS	140	0.06	11.85	10.14
HOME HEALTH AIDES	270	0.12	15.27	2.70
ALL OTHER HEALTH SERVICE WORKERS	260	0.11	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	4,060	1.81	12.82	76.35
SOCIAL WELFARE SERVICE AIDES	110	0.04	23.95	5.41
ALL OTHER SERVICE WORKERS	1,370	0.61	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	3,520	1.55	N.A.	N.A.

LOCAL GOVERNMENT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
GARDENERS AND GROUNDSKEEPERS, EXCEPT FARM	3,060	1.36	12.47	66.89
ANIMAL CARETAKERS, EXCEPT FARM	400	0.17	6.61	27.70
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	60	0.02	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	64,430	28.51	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	4,900	2.16	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	1,000	0.44	14.11	55.41
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	890	0.39	9.27	39.19
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	600	0.26	10.10	33.78
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	2,410	1.07	9.54	37.16
TRANSPORTATION INSPECTORS	80	0.03	42.99	3.38
ALL OTHER INSPECTORS, TESTERS AND RELATED OCCUPATIONS	290	0.12	8.54	14.86
MACHINERY MAINTENANCE MECHANICS	1,480	0.65	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, WATER OR POWER GENERATION PLANT	1,430	0.63	10.30	35.14
ALL OTHER MACHINERY MAINTENANCE MECHANICS	50	0.02	12.88	4.05
MACHINERY MAINTENANCE WORKERS	140	0.06	12.91	6.76
MAINTENANCE REPAIRERS, GENERAL UTILITY	1,770	0.78	32.13	45.27
AUTOMOTIVE MECHANICS	1,380	0.61	9.05	57.43
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	1,000	0.44	8.69	34.46
MOBILE HEAVY EQUIPMENT MECHANICS, EXCEPT ENGINES	240	0.10	22.42	16.22
RAIL CAR REPAIRERS	100	0.04	29.39	1.35
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	390	0.17	9.70	20.27
PRECISION INSTRUMENT REPAIRERS	220	0.09	7.69	12.84
ELECTRIC METER INSTALLERS AND REPAIRERS	250	0.11	27.74	14.19
MECHANICAL CONTROL AND VALVE INSTALLERS AND REPAIRERS	480	0.21	12.81	18.92
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	580	0.25	9.12	26.35
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	13,830	6.14	N.A.	N.A.
CARPENTERS	340	0.15	5.10	25.00
ELECTRICIANS	1,220	0.54	4.86	43.24
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	350	0.15	7.57	21.62
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	540	0.24	26.67	24.32
PIPELAYERS	1,000	0.44	23.48	10.14

LOCAL GOVERNMENT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS..................	3,040	1.35	28.60	39.19
HIGHWAY MAINTENANCE WORKERS..	7,340	3.27	19.49	51.35
ALL OTHER CONSTRUCTION & EXTRACTIVE WORKERS, EXCEPT HELPERS............	1,130	0.50	12.73	27.03
PRECISION PRODUCTION OCCUPATIONS......................................	120	0.05	14.62	7.43
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS..............	150	0.06	5.49	16.89
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS...........	340	0.15	8.22	22.30
PLANT AND SYSTEM WORKERS..	4,640	2.04	N.A.	N.A.
WATER AND LIQUID WASTE TREATMENT PLANT & SYSTEM OPERATORS............	3,380	1.50	18.72	45.95
POWER GENERATING PLANT OPERATORS, EXCEPT AUXILIARY EQUIPMENT OPERATORS..	240	0.10	11.02	6.08
POWER DISTRIBUTORS AND DISPATCHERS..................................	410	0.18	11.92	7.43
STATIONARY ENGINEERS..	210	0.09	7.81	6.08
ALL OTHER PLANT AND SYSTEM OPERATORS................................	400	0.17	11.35	11.49
MOTOR VEHICLE OPERATORS...	7,020	3.12	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER.............................	1,250	0.55	15.42	23.65
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS..............	1,390	0.62	12.36	33.78
BUS DRIVERS...	4,380	1.95	10.13	16.89
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS..................................	30	0.01	21.85	1.35
SERVICE STATION ATTENDANTS..	340	0.15	7.68	17.57
ALL OTHER TRANSPORTATION AND RELATED WORKERS..........................	920	0.41	18.12	16.22
MATERIAL MOVING EQUIPMENT OPERATORS...................................	3,490	1.54	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS..............................	940	0.41	14.57	25.00
OPERATING ENGINEERS...	2,230	0.99	5.11	32.43
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS........................	320	0.14	40.25	12.16
REFUSE COLLECTORS...	5,960	2.65	17.20	44.59
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND................	13,160	5.87	6.84	63.51

GLOSSARY OF TERMS

ES-202, Quarterly Report of Employment and Wages: A listing of all employing units, within the state, covered under the Unemployment Insurance Law.

Establishment: An economic unit which produces goods or services. In most instances, each establishment is a single physical location and is engaged in one predominate type of economic activity for which an industry code is applicable. Establishments are also referred to as reporting units.

Standard Industrial Classification (SIC): The SIC is the classification of establishments by type of economic activity in which engaged. It is a classification of establishment, rather than legal entities or enterprises by kinds of business, and not by occupations or commodities. It encompasses all economic activity.

Universe: Total establishments or units covered under the ES-202, Quarterly Report of Employment and Wages.

S7675-1.15-u

Texas Occupational Employment Statistics

Industry Staffing Patterns

1985
Trade & Regulated Industries

TEXAS EMPLOYMENT COMMISSION
In cooperation with the U.S. Department of Labor
Bureau of Labor Statistics
Issued October 1987

TEXAS OCCUPATIONAL EMPLOYMENT COMMISSION

INDUSTRY STAFFING PATTERNS
FOR SELECTED
TRADE and REGULATED INDUSTRIES

2nd QUARTER 1985

Prepared by
Texas Employment Commission
Economic Research and Analysis
TEC Building
Austin, Texas 78778

Issued October 1987

PREFACE

This publication summarizes the results of an occupational employment survey of selected trade and regulated industries in Texas.

This report is the product of a Federal-State Cooperative Program. The Bureau of Labor Statistics (BLS) developed the procedures and provided technical assistance. The Department of Labor through BLS funded the project and was responsible for the administrative aspects of the program. The Texas Employment Commission collected and analyzed the data, provided the necessary computer services, and published the findings.

Special thanks are extended to the many cooperating employers who provided the survey data which made this publication possible.

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INTRODUCTION

The Occupational Employment Statistics (OES) Program is an ongoing Federal-State Cooperative Program that produces current estimates of industry staffing patterns by occupation through periodic surveys of the nonfarm wage and salary sector of the Texas economy. It consists of three parts: the OES survey, the industry-occupation matrix, and projections. This publication presents the results of the survey phase.

The program's primary purpose is to collect and summarize current occupational data by industry which will be used to measure and define occupational needs and trends. The data will also be used to refine and modify the worker-demand projections generated through the Industry-Occupation Matrix. The OES program has continued to expand and develop in order to meet the changing needs of data users, such as companies considering new plant locations, business firms involved in research projects, vocational education groups developing curricula, as well as Private Industry Councils, job-seekers, guidance counselors, community leaders, chambers of commerce, students, etc.

Occupational staffing patterns are presented for selected trade and regulated industries. Data was provided by Texas employers for the appropriate reference month (April, May, or June 1985).

This publication and other industry publications will be updated at three-year intervals to provide a better basis for decision-making at all levels of human resource planning and development. Other publications providing industry and occupational data are available from the Texas Employment Commission upon request.

METHODOLOGY

THE SAMPLE

The sample for this survey was selected from the second quarter 1984 ES-202, Quarterly Report of Employment and Wages. The universe was stratified into three-digit Standard Industrial Classification (SIC) codes, each consisting of six employment size classes (1-9, 10-19, 20-49, 50-99, 100-249, and 250 plus). Procedures involved selecting all certainty cases (establishments having 250 or more employees). Firms with fewer that 250 employees were subject to sample selection on a random basis. Each unit was given a weight according to the proportion of firms selected in each size class.

COLLECTION PROCEDURES

The majority of the data was collected by mail. Each selected establishment received a structured schedule for their specific industry. The survey form includes instructions, occupational titles and definitions, establishment identification, and a three-digit SIC description. An open-end feature allows respondents to report occupations not listed or new emerging occupations.

Survey procedures included three follow-up mailings to nonrespondents. The telephone was used extensively to clarify data and to canvass critical nonrespondents.

SAMPLING ERROR

Relative standard error is presented for use in measuring sampling error. The relative standard error is an arithmetic measure of the precision of the estimates. It is the error that results from the difference between data obtained if the same survey methods were applied to collecting identical information from the entire population or universe.

SAMPLING ERROR (continued)

The relative error expresses the standard error of an estimate as a percentage of that estimate and creates an interval around the estimate. The total estimated employment multiplied by the relative errors gives a figure which can be added to and subtracted from the estimate to obtain an upper and lower limit or interval. A level of confidence is then associated with this interval. It is based on the number of relative standard errors that were added to the estimate and is the probability that the interval will cover the true population value. An interval that is based on one relative error has a 68% level of confidence and one based on two relative errors has a level of 95%. For example, suppose an estimated employment of 500 and a relative error of 10% is given for an occupation. This means that with a 68% confidence level, the true number of workers in that occupation would fall between 450 and 550.

NONSAMPLING ERROR

Nonsampling error results from several aspects of the survey process, such as respondent error, processing errors, questionnaire design, etc. It cannot be measured with reasonable precision, therefore, survey procedures and estimating processes have been designed to minimize it.

ESTIMATING PROCEDURES

All establishments in a given estimating cell were assigned a sample weight which was the inverse of the sampling ratio. Employment for each occupation was multiplied by its establishment's sample weight and summed for all sample establishments in one cell. Summed total employment in each establishment was multiplied by that establishment's sample weight and summed for all establishments in the cell. Weighted total establishment employment was expressed as a percent of weighted summed establishment employment to form the ratio for the estimate.

ESTIMATING PROCEDURES (Continued)

This was the arithmetic expression of the occupational pattern for the estimated cell. The benchmark figures for the appropriate survey month (April, May, or June 1985) were divided by the weighted total establishment employment. Each weighted reported occupational employment in the cell was multiplied by this ratio to get the estimated employment for each occupation. To aggregate across size classes, all these estimates were added to get one total estimate for each occupation.

CONSIDERATIONS IN USING
THE ESTIMATES

RELATIVE ERROR

From an accuracy standpoint, the higher the relative error, the less accurate the estimate. If relative errors exceeded fifty percent (50%), the employment from these occupations was merged with the employment of a relevant "all other" category.

ROUNDING AND OCCUPATIONS WITH LESS THAN TEN EMPLOYMENT

All estimates were rounded to the nearest ten (10). The percent distribution column may not add up to one hundred percent (100%) because of the computer rounding procedure.

Occupations with employment less than ten (10) were combined with a relevant "all other" category. "N.A." means not applicable.

The employment count reflects the number of jobs and not the number of persons holding jobs.

SIC 41 LOCAL AND INTERURBAN PASSENGER TRANSIT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	8,910	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	570	6.40	N.A.	N.A.
FINANCIAL MANAGERS	20	0.22	24.09	5.80
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	370	4.16	12.56	42.03
GENERAL MANAGERS AND TOP EXECUTIVES	130	1.46	16.34	28.99
ALL OTHER MANAGERS AND ADMINISTRATORS	50	0.56	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	900	10.11	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	30	0.33	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	30	0.33	17.94	10.14
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	840	9.45	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.33	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	100	1.12	N.A.	N.A.
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	50	0.56	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	50	0.56	49.39	7.97
ALL OTHER SALES AND RELATED WORKERS	50	0.56	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,970	22.13	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	0.45	36.57	7.97
RESERVATION AND TRANSPORTATION TICKET AGENTS	660	7.43	19.52	20.29
SECRETARIES	150	1.68	9.73	34.06
RECEPTIONISTS AND INFORMATION CLERKS	20	0.22	16.96	5.07
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	180	2.02	18.99	31.88
BILLING, COST AND RATE CLERKS	90	1.01	39.56	10.87
GENERAL OFFICE CLERKS	100	1.12	13.43	23.91
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	10	0.11	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	610	6.86	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	350	3.94	7.67	40.58
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	260	2.92	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	110	1.23	N.A.	N.A.
SERVICE OCCUPATIONS	350	3.93	N.A.	N.A.

SIC 41   LOCAL AND INTERURBAN PASSENGER TRANSIT
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
HEALTH SERVICE AND RELATED WORKERS	80	0.90	N.A.	N.A.
AMBULANCE DRIVERS AND ATTENDANTS, EXCEPT EMERGENCY MEDICAL TECHNICIANS	80	0.90	28.06	3.62
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	80	0.90	33.12	10.87
BAGGAGE PORTERS AND BELLHOPS	150	1.68	32.80	6.52
ALL OTHER SERVICE WORKERS	40	0.45	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	5,020	56.49	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	130	1.45	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	20	0.22	29.01	5.07
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	110	1.23	15.47	18.84
AUTOMOTIVE MECHANICS	150	1.68	7.26	18.12
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	270	3.04	21.83	18.84
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	60	0.67	N.A.	N.A.
MOTOR VEHICLE OPERATORS	3,700	41.66	N.A.	N.A.
BUS DRIVERS	2,650	29.84	5.41	31.16
TAXI DRIVERS AND CHAUFFEURS	1,050	11.82	10.24	28.26
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	320	3.60	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	390	4.39	N.A.	N.A.

SIC 411   LOCAL AND SUBURBAN TRANSPORTATION
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,200	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	190	5.93	N.A.	N.A.
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	130	4.06	23.70	36.84
GENERAL MANAGERS AND TOP EXECUTIVES	50	1.56	31.03	26.32
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.31	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	870	27.18	N.A.	N.A.
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	840	26.25	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.93	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	10	0.31	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	410	12.78	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.62	10.21	10.53
RESERVATION AND TRANSPORTATION TICKET AGENTS	20	0.62	40.82	7.02
SECRETARIES	60	1.87	18.75	35.09
RECEPTIONISTS AND INFORMATION CLERKS	10	0.31	9.16	5.26
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	1.56	17.79	35.09
BILLING, COST AND RATE CLERKS	40	1.25	28.52	15.79
GENERAL OFFICE CLERKS	40	1.25	22.20	24.56
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	150	4.68	N.A.	N.A.
DISPATCHERS- POLICE, FIRE, AND AMBULANCE	70	2.18	16.98	24.56
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	80	2.50	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	20	0.62	N.A.	N.A.
SERVICE OCCUPATIONS	100	3.12	N.A.	N.A.
HEALTH SERVICE AND RELATED WORKERS	80	2.50	N.A.	N.A.
AMBULANCE DRIVERS AND ATTENDANTS, EXCEPT EMERGENCY MEDICAL TECHNICIANS	80	2.50	28.06	8.77
ALL OTHER SERVICE WORKERS	20	0.62	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,620	50.58	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION,				

SIC 411 LOCAL AND SUBURBAN TRANSPORTATION
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	60	1.87	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	10	0.31	15.52	7.02
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	50	1.56	19.82	21.05
AUTOMOTIVE MECHANICS	20	0.62	35.71	8.77
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	100	3.12	11.78	15.79
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	10	0.31	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,330	41.54	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	20	0.62	47.59	1.75
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	30	0.93	38.34	3.51
BUS DRIVERS	750	23.43	10.20	21.05
TAXI DRIVERS AND CHAUFFEURS	530	16.56	18.99	22.81
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	60	1.87	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	1.25	N.A.	N.A.

SIC 412 TAXICABS
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,350	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	130	9.46	N.A.	N.A.
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	90	6.56	16.24	38.46
GENERAL MANAGERS AND TOP EXECUTIVES	20	1.45	10.21	28.21
ALL OTHER MANAGERS AND ADMINISTRATORS	20	1.45	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	10	0.72	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.72	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	10	0.72	16.67	17.95
SALES AND RELATED OCCUPATIONS	10	0.72	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	390	28.42	N.A.	N.A.
SECRETARIES	30	2.18	9.18	33.33
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	2.91	9.44	30.77
GENERAL OFFICE CLERKS	10	0.72	21.10	20.51
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	210	15.32	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	210	15.32	6.18	74.36
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	100	7.29	N.A.	N.A.
SERVICE OCCUPATIONS	20	1.45	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	790	57.63	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	30	2.18	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	2.18	20.28	20.51
MECHANICS, INSTALLERS, AND REPAIRERS	170	12.40	N.A.	N.A.
MOTOR VEHICLE OPERATORS	510	37.22	N.A.	N.A.
TAXI DRIVERS AND CHAUFFEURS	510	37.22	6.79	66.67
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	80	5.83	N.A.	N.A.

SIC 42 TRUCKING AND WAREHOUSING
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	93,850	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	5,030	5.34	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	70	0.07	45.32	7.19
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	100	0.10	27.92	9.58
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	2,650	2.82	22.01	64.67
GENERAL MANAGERS AND TOP EXECUTIVES	1,420	1.51	29.07	37.72
ALL OTHER MANAGERS AND ADMINISTRATORS	790	0.84	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	920	0.96	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	390	0.41	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	190	0.20	15.46	7.78
ALL OTHER MANAGEMENT SUPPORT WORKERS	50	0.05	N.A.	N.A.
ENGINEERS	20	0.02	22.81	4.79
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	0.03	27.41	2.40
COMPUTER SCIENTISTS AND RELATED WORKERS	80	0.08	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	40	0.04	32.92	2.40
COMPUTER PROGRAMMERS	40	0.04	20.97	4.19
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	160	0.17	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	3,240	3.43	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	240	0.25	40.00	9.58
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	1,830	1.95	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	1,830	1.95	24.87	19.76
CASHIERS	280	0.29	14.75	5.39
ALL OTHER SALES AND RELATED WORKERS	890	0.94	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	18,050	19.15	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	600	0.63	18.59	26.35
ADJUSTMENT CLERKS	350	0.37	26.37	9.58
SECRETARIES	1,690	1.80	35.32	46.11
RECEPTIONISTS AND INFORMATION CLERKS	60	0.06	39.39	9.58
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	60	0.06	40.78	6.59
FILE CLERKS	240	0.25	46.00	7.78
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,280	1.36	25.83	37.13
PAYROLL AND TIMEKEEPING CLERKS	140	0.14	28.15	10.78
BILLING, COST AND RATE CLERKS	1,770	1.88	23.98	28.14

SIC 42 TRUCKING AND WAREHOUSING
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
GENERAL OFFICE CLERKS	4,300	4.58	18.96	48.50
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	930	0.98	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	510	0.54	43.31	13.77
DATA ENTRY KEYERS, EXCEPT COMPOSING	230	0.24	23.69	5.99
ALL OTHER OFFICE MACHINE OPERATORS	190	0.20	N.A.	N.A.
SWITCHBOARD OPERATORS	80	0.08	33.60	8.98
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	6,270	6.67	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	2,140	2.28	24.76	26.95
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	1,580	1.68	42.71	23.35
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	2,220	2.36	48.39	23.35
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	330	0.35	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	280	0.29	N.A	N.A.
SERVICE OCCUPATIONS	690	0.72	N.A.	N.A.
GUARDS AND WATCH GUARDS	140	0.14	28.63	6.59
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	500	0.53	37.79	20.96
ALL OTHER SERVICE WORKERS	50	0.05	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	30	0.03	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	65,890	70.14	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	3,640	3.86	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	400	0.42	13.23	13.77
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	1,560	1.66	26.17	29.94
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,600	1.70	33.81	34.13
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	80	0.08	35.03	5.99
AUTOMOTIVE BODY AND RELATED REPAIRERS	30	0.03	40.75	2.40
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	2,900	3.09	21.51	21.56
TIRE REPAIRERS AND CHANGERS	130	0.13	32.35	4.79
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	1,890	2.01	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL				

SIC 42 TRUCKING AND WAREHOUSING
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MOVING	10	0.01	N.A.	N.A.
ELECTRICIANS	10	0.01	33.46	1.80
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	70	0.07	N.A.	N.A.
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	180	0.19	N.A.	N.A.
MOTOR VEHICLE OPERATORS	40,280	42.92	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	28,440	30.31	12.33	40.72
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	11,840	12.61	21.17	20.96
SERVICE STATION ATTENDANTS	160	0.17	25.94	5.39
MATERIAL MOVING EQUIPMENT OPERATORS	5,240	5.57	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	5,100	5.43	8.92	32.93
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	140	0.14	30.20	2.99
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	9,400	10.01	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,960	2.08	N.A.	N.A.

SIC 421 TRUCKING, LOCAL AND LONG DISTANCE
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	86,270	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	4,300	4.95	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	60	0.06	48.07	14.52
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	90	0.10	31.60	19.35
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	2,180	2.52	26.66	53.23
GENERAL MANAGERS AND TOP EXECUTIVES	1,220	1.41	33.65	48.39
ALL OTHER MANAGERS AND ADMINISTRATORS	750	0.86	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	780	0.87	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	180	0.20	15.76	17.74
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.04	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	80	0.08	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	40	0.04	32.92	6.45
COMPUTER PROGRAMMERS	40	0.04	21.87	9.68
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	480	0.55	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	3,140	3.62	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	240	0.27	40.50	22.58
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	1,780	2.06	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	1,780	2.06	25.57	35.48
CASHIERS	270	0.31	14.90	12.90
ALL OTHER SALES AND RELATED WORKERS	850	0.98	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	15,930	18.40	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	510	0.59	21.58	40.32
ADJUSTMENT CLERKS	340	0.39	27.01	22.58
SECRETARIES	1,480	1.71	40.18	48.39
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	60	0.06	44.12	12.90
FILE CLERKS	240	0.27	46.39	19.35
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,070	1.24	30.57	29.03
PAYROLL AND TIMEKEEPING CLERKS	130	0.15	30.38	20.97
BILLING, COST AND RATE CLERKS	1,700	1.97	24.87	45.16
GENERAL OFFICE CLERKS	3,910	4.53	20.82	58.06
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	840	0.96	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	440	0.51	49.98	16.13

SIC 421 TRUCKING, LOCAL AND LONG DISTANCE
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
DATA ENTRY KEYERS, EXCEPT COMPOSING	220	0.25	25.28	9.68
ALL OTHER OFFICE MACHINE OPERATORS	180	0.20	N.A.	N.A.
SWITCHBOARD OPERATORS	70	0.08	35.44	19.35
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	5,270	6.10	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	2,100	2.43	25.20	56.45
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	3,170	3.67	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	310	0.35	N.A.	N.A.
SERVICE OCCUPATIONS	560	0.63	N.A.	N.A.
GUARDS AND WATCH GUARDS	120	0.13	33.13	6.45
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	390	0.45	48.16	19.35
ALL OTHER SERVICE WORKERS	50	0.05	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	61,560	71.32	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	3,030	3.50	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	1,350	1.56	30.06	33.87
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,260	1.46	42.75	27.42
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	420	0.48	N.A.	N.A.
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	2,870	3.32	21.72	46.77
TIRE REPAIRERS AND CHANGERS	130	0.15	32.61	11.29
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	1,610	1.86	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	10	0.01	0.00	1.61
MOTOR VEHICLE OPERATORS	39,750	46.08	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	28,070	32.54	12.49	75.81
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	11,680	13.54	21.46	38.71
SERVICE STATION ATTENDANTS	160	0.18	25.94	14.52
MATERIAL MOVING EQUIPMENT OPERATORS	4,320	5.00	N.A.	N.A.
HOIST AND WINCH OPERATORS	80	0.09	10.85	3.23
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	4,240	4.91	10.48	14.52
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	7,970	9.24	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,710	1.98	N.A.	N.A.

SIC 422 PUBLIC WAREHOUSING
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	7,190	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	690	9.59	N.A.	N.A.
FINANCIAL MANAGERS	20	0.27	45.42	7.22
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	440	6.13	10.20	71.13
GENERAL MANAGERS AND TOP EXECUTIVES	190	2.64	19.40	30.93
ALL OTHER MANAGERS AND ADMINISTRATORS	40	0.55	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	150	2.07	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	70	0.97	N.A.	N.A.
ENGINEERS	20	0.27	25.21	7.22
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	60	0.83	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	70	0.97	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,050	28.49	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	90	1.25	24.09	19.59
SECRETARIES	200	2.78	15.41	43.30
RECEPTIONISTS AND INFORMATION CLERKS	10	0.13	25.64	8.25
TYPISTS	10	0.13	49.69	3.09
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	200	2.78	15.58	42.27
BILLING, COST AND RATE CLERKS	60	0.83	25.35	16.49
GENERAL OFFICE CLERKS	380	5.29	13.84	43.30
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	90	1.24	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	70	0.97	30.95	12.37
ALL OTHER OFFICE MACHINE OPERATORS	20	0.27	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	980	13.65	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	580	8.08	20.47	30.93
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	340	4.74	16.54	35.05
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	60	0.83	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.41	N.A.	N.A.
SERVICE OCCUPATIONS	130	1.80	N.A.	N.A.
GUARDS AND WATCH GUARDS	20	0.27	31.63	7.22
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE				

SIC 422 PUBLIC WAREHOUSING
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
HOUSEHOLDS	110	1.53	23.21	23.71
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	30	0.41	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	4,070	56.64	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	610	8.48	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	30	0.41	29.52	7.22
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	210	2.92	17.56	29.90
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	340	4.74	16.63	40.21
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	30	0.41	36.07	5.15
MACHINERY MAINTENANCE MECHANICS	20	0.27	34.15	4.12
MAINTENANCE REPAIRERS, GENERAL UTILITY	270	3.76	15.03	35.05
AUTOMOTIVE MECHANICS	30	0.41	41.02	8.25
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	30	0.41	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	10	0.13	N.A.	N.A.
ELECTRICIANS	10	0.13	33.46	3.09
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	60	0.83	41.00	5.15
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	60	0.83	N.A.	N.A.
PLANT AND SYSTEM WORKERS	140	1.95	46.85	2.06
MOTOR VEHICLE OPERATORS	350	4.87	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	190	2.64	22.32	17.53
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	160	2.23	25.75	11.34
MATERIAL MOVING EQUIPMENT OPERATORS	860	11.99	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	860	11.99	11.51	46.39
HAND PACKERS AND PACKAGERS	420	5.85	32.42	13.40
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	950	13.24	19.00	27.84
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	260	3.62	N.A.	N.A.

SIC 44 WATER TRANSPORTATION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	17,110	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	740	4.27	N.A.	N.A.
FINANCIAL MANAGERS	70	0.40	15.55	20.75
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	40	0.23	11.35	13.84
PURCHASING MANAGERS	20	0.11	17.60	7.55
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.11	15.85	8.18
ADMINISTRATIVE SERVICES MANAGERS	30	0.17	13.55	10.69
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	270	1.57	12.07	44.03
GENERAL MANAGERS AND TOP EXECUTIVES	220	1.28	10.75	38.99
ALL OTHER MANAGERS AND ADMINISTRATORS	70	0.40	13.46	11.32
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	520	2.98	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	130	0.75	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	110	0.64	13.66	22.64
ALL OTHER FINANCIAL SPECIALISTS	20	0.11	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	30	0.17	24.38	10.06
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	30	0.17	13.64	6.29
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.23	17.99	3.77
ENGINEERS	100	0.57	N.A.	N.A.
MECHANICAL ENGINEERS	20	0.11	32.03	3.77
MARINE ENGINEERS	60	0.35	25.81	7.55
ALL OTHER ENGINEERS	20	0.11	35.04	3.14
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.11	N.A.	N.A.
COMPUTER PROGRAMMERS	20	0.11	26.00	4.40
RADIO OPERATORS	90	0.52	13.61	5.66
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	0.46	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	380	2.21	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	50	0.29	20.02	9.43
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	200	1.17	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	200	1.17	24.36	14.47
CASHIERS	110	0.64	40.83	5.66
ALL OTHER SALES AND RELATED WORKERS	20	0.11	28.46	3.14
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,780	10.32	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND				

SIC 44 WATER TRANSPORTATION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ADMINISTRATIVE SUPPORT OCCUPATIONS	120	0.70	17.22	17.61
SECRETARIES	320	1.87	10.14	48.43
RECEPTIONISTS AND INFORMATION CLERKS	20	0.11	24.17	5.66
TYPISTS	10	0.05	18.63	5.03
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.11	28.29	3.77
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	240	1.40	12.46	36.48
PAYROLL AND TIMEKEEPING CLERKS	60	0.35	27.63	13.21
BILLING, COST AND RATE CLERKS	120	0.70	14.87	20.13
GENERAL OFFICE CLERKS	330	1.93	22.85	28.30
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	40	0.21	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	20	0.11	35.27	2.52
DATA ENTRY KEYERS, EXCEPT COMPOSING	10	0.05	17.57	3.77
ALL OTHER OFFICE MACHINE OPERATORS	10	0.05	N.A.	N.A.
SWITCHBOARD OPERATORS	30	0.17	16.40	7.55
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	360	2.08	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	30	0.17	33.07	3.14
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	100	0.58	44.47	8.18
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	150	0.87	38.90	10.69
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	80	0.46	31.64	5.03
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	110	0.64	N.A.	N.A.
SERVICE OCCUPATIONS	590	3.42	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	20	0.11	45.12	2.52
GUARDS AND WATCH GUARDS	30	0.17	28.40	5.03
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	370	2.16	21.15	11.32
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	150	0.87	18.54	10.69
ALL OTHER SERVICE WORKERS	20	0.11	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	30	0.17	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	12,910	75.43	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	310	1.80	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	70	0.40	19.48	13.21
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND				

SIC 44 WATER TRANSPORTATION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	180	1.05	18.14	16.35
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	60	0.35	27.05	5.66
MACHINERY MAINTENANCE MECHANICS	270	1.57	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, MARINE EQUIPMENT	260	1.52	18.05	15.72
ALL OTHER MACHINERY MAINTENANCE MECHANICS	10	0.05	36.27	2.52
MAINTENANCE REPAIRERS, GENERAL UTILITY	180	1.05	19.98	18.24
RIGGERS	100	0.58	40.90	3.77
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	170	0.99	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	30	0.17	N.A.	N.A.
ELECTRICIANS	30	0.17	30.11	4.40
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	60	0.35	N.A.	N.A.
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	80	0.46	N.A.	N.A.
MOTOR VEHICLE OPERATORS	30	0.17	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	30	0.17	38.52	5.66
CAPTAINS, WATER VESSEL	980	5.73	8.87	43.40
MATES, SHIP, BOAT, AND BARGE	510	2.98	6.96	20.13
ABLE SEAMEN	930	5.44	6.18	19.50
ORDINARY SEAMEN AND MARINE OILERS	1,390	8.13	5.92	31.45
SHIP ENGINEERS	630	3.68	4.84	19.50
ALL OTHER WATER TRANSPORTATION AND RELATED WORKERS	160	0.93	N.A.	N.A.
ALL OTHER TRANSPORTATION AND RELATED WORKERS	30	0.17	30.30	2.52
MATERIAL MOVING EQUIPMENT OPERATORS	760	4.43	N.A.	N.A.
LONGSHORE EQUIPMENT OPERATORS	160	0.93	30.54	6.92
CRANE AND TOWER OPERATORS	490	2.86	42.55	8.81
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	110	0.64	34.01	5.03
STEVEDORES, EXCEPT EQUIPMENT OPERATORS	4,550	26.62	9.84	25.16
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,660	9.71	26.13	13.21
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	240	1.40	N.A.	N.A.

SIC 441 DEEP SEA FOREIGN TRANSPORTATION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,800	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	170	6.03	N.A.	N.A.
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	80	2.84	16.51	64.71
GENERAL MANAGERS AND TOP EXECUTIVES	40	1.42	32.42	47.06
ALL OTHER MANAGERS AND ADMINISTRATORS	50	1.77	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	240	8.53	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	60	2.13	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	180	6.40	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	120	4.25	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	10	0.35	36.30	11.76
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	100	3.55	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	100	3.55	36.75	29.41
ALL OTHER SALES AND RELATED WORKERS	10	0.35	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	450	15.97	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	1.42	26.87	23.53
SECRETARIES	100	3.55	6.47	82.35
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	30	1.06	28.63	41.18
BILLING, COST AND RATE CLERKS	20	0.71	46.98	17.65
GENERAL OFFICE CLERKS	70	2.49	36.38	41.18
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.71	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	70	2.48	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	20	0.71	43.95	17.65
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	20	0.71	26.20	17.65
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	1.06	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	100	3.55	N.A.	N.A.
SERVICE OCCUPATIONS	180	6.40	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,640	58.34	N.A.	N.A.

SIC 441 DEEP SEA FOREIGN TRANSPORTATION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS......................	50	1.77	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS..................................	90	3.20	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS..	340	12.09	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS...	1,160	41.28	N.A.	N.A.

SIC 444 TRANSPORTATION ON RIVERS AND CANALS
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,540	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	60	3.93	N.A.	N.A.
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	10	0.65	11.46	45.45
GENERAL MANAGERS AND TOP EXECUTIVES	30	1.97	16.16	54.55
ALL OTHER MANAGERS AND ADMINISTRATORS	20	1.31	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	50	3.28	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.65	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	2.63	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	20	1.30	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	10	0.65	21.74	36.36
ALL OTHER SALES AND RELATED WORKERS	10	0.65	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	60	3.94	N.A.	N.A.
SECRETARIES	20	1.31	14.43	54.55
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	2.63	N.A.	N.A.
SERVICE OCCUPATIONS	50	3.28	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	790	51.95	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	40	2.63	N.A.	N.A.
CAPTAINS, WATER VESSEL	230	15.13	14.30	81.82
PILOTS, SHIP	60	3.94	42.63	36.36
ABLE SEAMEN	280	18.42	15.18	63.64
SHIP ENGINEERS	80	5.26	7.85	45.45
ALL OTHER WATER TRANSPORTATION AND RELATED WORKERS	510	33.55	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	100	6.57	N.A.	N.A.

SIC 445 LOCAL WATER TRANSPORTATION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,070	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	130	6.26	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.48	15.73	15.38
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	40	1.93	12.15	42.31
GENERAL MANAGERS AND TOP EXECUTIVES	50	2.41	16.86	34.62
ALL OTHER MANAGERS AND ADMINISTRATORS	30	1.44	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	60	2.88	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	10	0.48	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.96	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	20	0.96	21.43	21.15
ENGINEERS	20	0.96	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.48	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	30	1.44	N.A.	N.A.
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	30	1.44	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	30	1.44	33.06	13.46
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	180	8.68	N.A.	N.A.
SECRETARIES	40	1.93	13.47	40.38
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	1.93	13.18	34.62
GENERAL OFFICE CLERKS	40	1.93	10.30	28.85
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	2.89	N.A.	N.A.
SERVICE OCCUPATIONS	40	1.92	N.A.	N.A.
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	20	0.96	27.60	9.62
ALL OTHER SERVICE WORKERS	20	0.96	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,580	76.26	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	30	1.44	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	50	2.41	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, MARINE EQUIPMENT	50	2.41	30.44	19.23
CAPTAINS, WATER VESSEL	320	15.45	6.03	76.92
MATES, SHIP, BOAT, AND BARGE	110	5.31	13.82	28.85
ABLE SEAMEN	270	13.04	9.99	30.77
ORDINARY SEAMEN AND MARINE OILERS	290	14.00	9.61	50.00
SHIP ENGINEERS	160	7.72	10.93	26.92

SIC 445 LOCAL WATER TRANSPORTATION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER WATER TRANSPORTATION AND RELATED WORKERS	50	2.41	N.A.	N.A.
STEVEDORES, EXCEPT EQUIPMENT OPERATORS	20	0.96	14.57	5.77
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	190	9.17	28.04	13.46
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	140	6.76	N.A.	N.A.

SIC 446 WATER TRANSPORTATION SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	10,120	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	370	3.60	N.A.	N.A.
FINANCIAL MANAGERS	50	0.49	21.83	26.67
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.19	18.46	14.67
PURCHASING MANAGERS	10	0.09	29.03	8.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	10	0.09	27.84	6.67
ADMINISTRATIVE SERVICES MANAGERS	20	0.19	19.85	14.67
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	130	1.28	22.07	40.00
GENERAL MANAGERS AND TOP EXECUTIVES	100	0.98	18.44	37.33
ALL OTHER MANAGERS AND ADMINISTRATORS	30	0.29	24.64	13.33
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	100	0.97	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.19	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	30	0.29	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	50	0.49	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	190	1.86	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.19	44.78	6.67
CASHIERS	110	1.08	42.47	9.33
ALL OTHER SALES AND RELATED WORKERS	60	0.59	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,040	10.18	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	60	0.59	28.09	17.33
SECRETARIES	160	1.57	19.15	44.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	150	1.47	18.13	34.67
PAYROLL AND TIMEKEEPING CLERKS	50	0.49	35.26	17.33
BILLING, COST AND RATE CLERKS	80	0.78	18.86	25.33
GENERAL OFFICE CLERKS	210	2.06	33.16	26.67
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	10	0.09	N.A.	N.A.
SWITCHBOARD OPERATORS	20	0.19	23.04	9.33
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	260	2.55	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	120	1.18	46.51	14.67
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	140	1.37	N.A.	N.A.

SIC 446 WATER TRANSPORTATION SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	0.39	N.A.	N.A.
SERVICE OCCUPATIONS	280	2.73	N.A.	N.A.
GUARDS AND WATCH GUARDS	20	0.19	45.11	5.33
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	170	1.67	44.99	5.33
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	70	0.68	37.62	13.33
ALL OTHER SERVICE WORKERS	20	0.19	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	30	0.29	49.80	1.33
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	8,010	78.83	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	240	2.36	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	50	0.49	30.82	16.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	130	1.28	19.96	22.67
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	60	0.59	28.30	9.33
MACHINERY MAINTENANCE MECHANICS	110	1.08	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	130	1.28	25.20	22.67
RIGGERS	90	0.88	43.94	4.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	90	0.88	N.A.	N.A.
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	60	0.59	N.A.	N.A.
CAPTAINS, WATER VESSEL	340	3.34	22.90	13.33
MATES, SHIP, BOAT, AND BARGE	90	0.88	27.62	8.00
ORDINARY SEAMEN AND MARINE OILERS	290	2.85	24.99	10.67
SHIP ENGINEERS	70	0.68	32.10	5.33
ALL OTHER WATER TRANSPORTATION AND RELATED WORKERS	100	0.98	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	730	7.17	N.A.	N.A.
LONGSHORE EQUIPMENT OPERATORS	150	1.47	31.29	13.33
CRANE AND TOWER OPERATORS	480	4.72	43.43	16.00
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	100	0.98	37.07	9.33
STEVEDORES, EXCEPT EQUIPMENT OPERATORS	4,510	44.43	9.94	48.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,140	11.23	37.01	14.67
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	120	1.18	N.A.	N.A.

SIC 45 TRANSPORTATION BY AIR
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	45,770	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,800	3.91	N.A.	N.A.
FINANCIAL MANAGERS	120	0.26	21.91	12.82
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	630	1.37	9.95	57.26
GENERAL MANAGERS AND TOP EXECUTIVES	350	0.76	13.12	29.06
ALL OTHER MANAGERS AND ADMINISTRATORS	700	1.52	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	2,480	5.38	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	640	1.39	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	320	0.69	N.A.	N.A.
ENGINEERS	80	0.17	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	70	0.15	N.A.	N.A.
AIRPLANE DISPATCHERS AND AIR TRAFFIC CONTROLLERS	160	0.34	21.00	9.40
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	1,210	2.64	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,310	2.83	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	210	0.45	12.29	13.68
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	570	1.23	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	410	0.89	29.65	23.08
TRAVEL AGENTS	160	0.34	33.51	5.98
ALL OTHER SALES AND RELATED WORKERS	530	1.15	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	15,450	33.68	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	480	1.04	13.66	17.09
ADJUSTMENT CLERKS	70	0.15	26.36	6.84
RESERVATION AND TRANSPORTATION TICKET AGENTS	8,660	18.92	7.45	31.62
SECRETARIES	780	1.70	9.28	58.12
TYPISTS	30	0.06	31.25	7.69
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	900	1.96	9.96	37.61
PAYROLL AND TIMEKEEPING CLERKS	40	0.08	24.77	10.26
BILLING, COST AND RATE CLERKS	150	0.32	22.11	20.51
GENERAL OFFICE CLERKS	350	0.76	18.48	32.48
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	100	0.21	N.A.	N.A.
SWITCHBOARD OPERATORS	20	0.04	23.21	5.13
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING				

SIC 45 TRANSPORTATION BY AIR
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
WORKERS	3,080	6.72	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	260	0.56	11.38	17.95
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	2,820	6.16	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	790	1.72	N.A.	N.A.
SERVICE OCCUPATIONS	7,970	17.40	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	300	0.65	15.62	18.80
BAGGAGE PORTERS AND BELLHOPS	380	0.83	44.99	11.11
FLIGHT ATTENDANTS	6,800	14.85	0.76	10.26
ALL OTHER SERVICE WORKERS	490	1.07	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	16,760	36.54	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	860	1.87	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	440	0.96	18.54	29.91
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	420	0.91	N.A.	N.A.
INSPECTORS AND RELATED OCCUPATIONS	160	0.34	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	150	0.32	31.38	5.13
AIRCRAFT MECHANICS	3,380	7.38	9.51	50.43
AIRCRAFT ENGINE SPECIALISTS	420	0.91	19.22	14.53
ELECTRICAL INSTALLERS & REPAIRERS, TRANSPORTATION EQUIPMENT	100	0.21	45.26	7.69
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	620	1.35	N.A.	N.A.
MOTOR VEHICLE OPERATORS	970	2.11	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	970	2.11	37.45	16.24
AIRCRAFT PILOTS AND FLIGHT ENGINEERS	5,800	12.67	5.13	44.44
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	3,930	8.58	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	370	0.80	N.A.	N.A.

SIC 451 CERTIFICATED AIR TRANSPORTATION
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	35,230	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,170	3.28	N.A.	N.A.
FINANCIAL MANAGERS	80	0.22	8.96	18.42
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	100	0.28	5.43	18.42
PURCHASING MANAGERS	40	0.11	6.27	13.16
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	230	0.65	7.20	42.11
ADMINISTRATIVE SERVICES MANAGERS	80	0.22	16.72	21.05
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	330	0.93	7.97	68.42
GENERAL MANAGERS AND TOP EXECUTIVES	120	0.34	10.06	28.95
ALL OTHER MANAGERS AND ADMINISTRATORS	190	0.53	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,900	5.30	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	170	0.47	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	70	0.19	12.32	21.05
ALL OTHER FINANCIAL SPECIALISTS	100	0.28	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	130	0.36	0.00	7.89
ALL OTHER MANAGEMENT SUPPORT WORKERS	430	1.22	N.A.	N.A.
ENGINEERS	50	0.12	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	10	0.02	0.00	2.63
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	20	0.05	6.21	10.53
ALL OTHER ENGINEERS	20	0.05	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	420	1.18	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	290	0.82	0.89	10.53
COMPUTER PROGRAMMERS	130	0.36	0.00	7.89
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	70	0.19	N.A.	N.A.
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS, EXCEPT COMPUTER	70	0.19	0.00	2.63
TEACHERS AND INSTRUCTORS, VOCATIONAL EDUCATION AND TRAINING	270	0.76	3.88	15.79
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	20	0.05	0.00	2.63
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	20	0.05	0.00	10.53
AIRPLANE DISPATCHERS AND AIR TRAFFIC CONTROLLERS	120	0.34	22.90	15.79
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	200	0.56	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,020	2.88	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	170	0.48	5.94	26.32
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	440	1.24	N.A.	N.A.

SIC 451 CERTIFICATED AIR TRANSPORTATION
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALES AGENTS, SELECTED BUSINESS SERVICES	280	0.79	40.59	26.32
TRAVEL AGENTS	160	0.45	34.06	15.79
ALL OTHER SALES AND RELATED WORKERS	410	1.16	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	13,660	38.67	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	450	1.27	14.36	36.84
ADJUSTMENT CLERKS	40	0.11	0.00	10.53
RESERVATION AND TRANSPORTATION TICKET AGENTS	8,480	24.07	7.54	84.21
SECRETARIES	450	1.27	5.47	71.05
TYPISTS	30	0.08	26.89	18.42
TYPISTS, WORD PROCESSING EQUIPMENT	150	0.42	2.33	10.53
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	50	0.14	17.15	13.16
CORRESPONDENCE CLERKS	30	0.08	14.00	7.89
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	530	1.50	3.67	31.58
PAYROLL AND TIMEKEEPING CLERKS	20	0.05	22.79	15.79
BILLING, COST AND RATE CLERKS	20	0.05	36.37	7.89
GENERAL OFFICE CLERKS	80	0.22	7.32	15.79
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	60	0.17	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.02	24.64	13.16
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,750	7.78	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	80	0.22	0.00	7.89
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	200	0.56	8.86	21.05
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	200	0.56	5.69	28.95
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	2,270	6.44	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	510	1.44	N.A.	N.A.
SERVICE OCCUPATIONS	7,580	21.49	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	210	0.59	7.08	31.58
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	20	0.05	12.76	5.26
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	160	0.45	17.14	13.16
BAGGAGE PORTERS AND BELLHOPS	380	1.07	45.33	31.58
FLIGHT ATTENDANTS	6,750	19.16	0.47	23.68
ALL OTHER SERVICE WORKERS	60	0.17	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	9,900	28.05	N.A.	N.A.

SIC 451 CERTIFICATED AIR TRANSPORTATION
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	350	0.98	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	90	0.25	19.71	28.95
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	260	0.73	N.A.	N.A.
INSPECTORS AND RELATED OCCUPATIONS	80	0.22	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	140	0.39	31.76	13.16
MAINTENANCE REPAIRERS, GENERAL UTILITY	300	0.85	4.18	15.79
AIRCRAFT MECHANICS	1,510	4.28	6.85	39.47
AIRCRAFT ENGINE SPECIALISTS	110	0.31	12.02	10.53
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	80	0.22	N.A.	N.A.
AIRCRAFT PILOTS AND FLIGHT ENGINEERS	4,650	13.20	4.71	36.84
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	2,660	7.55	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.05	N.A.	N.A.

SIC 461 PIPE LINES, EXCEPT NATURAL GAS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	4,730	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	320	6.68	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.20	20.76	10.17
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	70	1.46	25.44	20.34
GENERAL MANAGERS AND TOP EXECUTIVES	120	2.51	10.79	54.24
ALL OTHER MANAGERS AND ADMINISTRATORS	120	2.51	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL AND TECHNICAL OCCUPATIONS	980	20.44	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	60	1.25	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.41	29.29	8.47
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.83	N.A.	N.A.
ENGINEERS	300	6.26	N.A.	N.A.
CIVIL ENGINEERS, INCLUDING TRAFFIC	60	1.25	22.02	16.95
ELECTRICAL AND ELECTRONIC ENGINEERS	30	0.62	20.48	11.86
MECHANICAL ENGINEERS	90	1.88	18.80	25.42
ALL OTHER ENGINEERS	120	2.51	21.11	13.56
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	440	9.19	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	50	1.04	20.40	11.86
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	160	3.35	10.94	35.59
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	80	1.67	22.24	23.73
DRAFTERS	60	1.25	21.25	22.03
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	90	1.88	19.59	27.12
COMPUTER SCIENTISTS AND RELATED WORKERS	50	1.04	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	1.46	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	530	11.04	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	70	1.46	23.21	30.51
SECRETARIES	140	2.93	21.67	27.12
TYPISTS, WORD PROCESSING EQUIPMENT	10	0.20	38.90	5.08
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.20	25.28	8.47
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	70	1.46	20.61	15.25
GENERAL OFFICE CLERKS	120	2.51	12.04	50.85
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	80	1.66	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	10	0.20	41.66	6.78

SIC 461 PIPE LINES, EXCEPT NATURAL GAS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	70	1.46	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.62	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,900	60.68	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	360	7.52	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	90	1.88	13.57	42.37
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	90	1.88	25.01	35.59
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	70	1.46	22.67	22.03
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	110	2.30	16.66	42.37
PRECISION INSPECTORS, TESTERS, AND GRADERS	30	0.62	21.83	13.56
MECHANICS, INSTALLERS, AND REPAIRERS	120	2.51	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	170	3.56	20.70	35.59
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	410	8.58	N.A.	N.A.
ELECTRICIANS	70	1.46	19.03	23.73
PIPELAYERS	220	4.61	16.64	15.25
ALL OTHER CONSTRUCTION TRADES WORKERS	120	2.51	39.27	13.56
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	90	1.88	29.44	16.95
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	250	5.24	N.A.	N.A.
PLANT AND SYSTEM WORKERS	760	15.92	N.A.	N.A.
GAUGERS	700	14.67	11.04	76.27
ALL OTHER PLANT AND SYSTEM OPERATORS	60	1.25	N.A.	N.A.
MOTOR VEHICLE OPERATORS	160	3.34	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	120	2.51	36.92	27.12
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	40	0.83	24.91	22.03
MATERIAL MOVING EQUIPMENT OPERATORS	280	5.87	N.A.	N.A.
MAIN LINE STATION ENGINEERS	280	5.87	16.53	33.90
HELPERS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	60	1.25	33.94	10.17
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	200	4.19	21.81	30.51
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.20	N.A.	N.A.

SIC 47 TRANSPORTATION SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	17,980	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,280	7.10	N.A.	N.A.
FINANCIAL MANAGERS	50	0.27	35.37	8.03
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.11	46.74	4.38
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	90	0.50	33.90	6.57
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	690	3.84	15.82	47.45
GENERAL MANAGERS AND TOP EXECUTIVES	290	1.61	35.74	23.36
ALL OTHER MANAGERS AND ADMINISTRATORS	140	0.77	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	410	2.27	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.11	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	320	1.78	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	0.38	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	7,000	38.97	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	420	2.33	33.08	11.68
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	6,540	36.42	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	520	2.89	24.48	24.09
TRAVEL AGENTS	6,020	33.53	12.77	19.71
ALL OTHER SALES AND RELATED WORKERS	40	0.22	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	6,790	37.72	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,160	6.46	16.32	61.31
SECRETARIES	590	3.28	18.46	50.36
RECEPTIONISTS AND INFORMATION CLERKS	240	1.33	44.54	19.71
TYPISTS	190	1.05	31.04	15.33
FILE CLERKS	20	0.11	37.42	6.57
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	130	0.72	39.30	7.30
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	850	4.73	15.77	37.96
BILLING, COST AND RATE CLERKS	540	3.00	30.46	19.71
GENERAL OFFICE CLERKS	960	5.34	16.34	36.50
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	280	1.54	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	90	0.50	40.89	7.30
DATA ENTRY KEYERS, EXCEPT COMPOSING	120	0.66	35.99	5.84
ALL OTHER OFFICE MACHINE OPERATORS	70	0.38	N.A.	N.A.

SIC 47 TRANSPORTATION SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SWITCHBOARD OPERATORS	60	0.33	37.25	8.76
MESSENGERS	180	1.00	39.50	8.76
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,210	6.72	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	330	1.83	27.74	16.06
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	640	3.56	37.72	27.01
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	240	1.33	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	380	2.11	N.A.	N.A.
SERVICE OCCUPATIONS	190	1.05	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,310	12.82	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	40	0.22	N.A.	N.A.
INSPECTORS AND RELATED OCCUPATIONS	160	0.89	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	40	0.22	N.A.	N.A.
MOTOR VEHICLE OPERATORS	850	4.72	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	260	1.44	26.09	16.06
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	590	3.28	21.68	13.87
MATERIAL MOVING EQUIPMENT OPERATORS	130	0.72	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	130	0.72	39.18	8.76
HAND PACKERS AND PACKAGERS	470	2.61	25.18	13.14
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	570	3.17	20.15	9.49
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	50	0.27	N.A.	N.A.

SIC 471 FREIGHT FORWARDING
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	5,040	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	480	9.49	N.A.	N.A.
ADMINISTRATIVE SERVICES MANAGERS	10	0.19	30.85	6.25
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	340	6.73	13.02	64.06
GENERAL MANAGERS AND TOP EXECUTIVES	80	1.58	21.08	26.56
ALL OTHER MANAGERS AND ADMINISTRATORS	50	0.99	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	60	1.18	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	40	0.79	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.39	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	200	3.94	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	10	0.19	19.65	7.81
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	180	3.56	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	180	3.56	18.52	29.69
ALL OTHER SALES AND RELATED WORKERS	10	0.19	N.A.	.N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,890	57.14	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	470	9.30	12.28	68.75
ADJUSTMENT CLERKS	40	0.79	25.56	7.81
SECRETARIES	290	5.74	17.45	59.38
RECEPTIONISTS AND INFORMATION CLERKS	60	1.18	27.45	20.31
TYPISTS	100	1.98	29.63	17.19
FILE CLERKS	20	0.39	30.44	10.94
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	100	1.98	47.41	9.38
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	180	3.56	15.94	42.19
BILLING, COST AND RATE CLERKS	190	3.76	24.67	29.69
GENERAL OFFICE CLERKS	630	12.47	15.50	56.25
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	150	2.96	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	50	0.99	25.79	12.50
DATA ENTRY KEYERS, EXCEPT COMPOSING	80	1.58	28.12	9.38
ALL OTHER OFFICE MACHINE OPERATORS	20	0.39	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.19	24.61	10.94
MESSENGERS	20	0.39	31.13	9.38
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING				

SIC 471 FREIGHT FORWARDING
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
WORKERS	600	11.86	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	210	4.15	31.19	23.44
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	320	6.33	16.92	42.19
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	70	1.38	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.59	N.A.	N.A.
SERVICE OCCUPATIONS	130	2.56	N.A.	N.A.
GUARDS AND WATCH GUARDS	110	2.17	1.42	3.13
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.39	38.17	9.38
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,280	25.30	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	10	0.19	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	10	0.19	N.A.	N.A.
MOTOR VEHICLE OPERATORS	560	11.08	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	190	3.76	34.52	20.31
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	370	7.32	12.94	20.31
MATERIAL MOVING EQUIPMENT OPERATORS	50	0.99	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	50	0.99	32.80	12.50
HAND PACKERS AND PACKAGERS	310	6.13	33.71	15.63
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	330	6.53	30.96	9.38
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.19	N.A.	N.A.

SIC 478 MISCELLANEOUS TRANSPORTATION SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,270	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	90	7.20	N.A.	N.A.
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	50	4.00	17.53	36.11
GENERAL MANAGERS AND TOP EXECUTIVES	20	1.60	22.89	19.44
ALL OTHER MANAGERS AND ADMINISTRATORS	20	1.60	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	60	4.80	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	20	1.60	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	310	24.80	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	60	4.80	13.85	63.89
SECRETARIES	50	4.00	17.99	47.22
TYPISTS	20	1.60	35.42	19.44
GENERAL OFFICE CLERKS	10	0.80	0.00	11.11
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	70	5.60	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	30	2.40	35.36	13.89
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	3.20	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	100	8.00	N.A.	N.A.
SERVICE OCCUPATIONS	20	1.60	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	770	61.60	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	10	0.80	N.A.	N.A.
INSPECTORS AND RELATED OCCUPATIONS	150	12.00	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	20	1.60	N.A.	N.A.
MOTOR VEHICLE OPERATORS	60	4.80	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	60	4.80	20.33	22.22
HAND PACKERS AND PACKAGERS	160	12.80	34.10	22.22
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	250	20.00	22.79	19.44
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	120	9.60	N.A.	N.A.

SIC 48 COMMUNICATION
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	91,020	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	7,860	8.59	N.A.	N.A.
FINANCIAL MANAGERS	520	0.57	13.17	39.90
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	190	0.20	6.13	13.94
PURCHASING MANAGERS	50	0.05	19.85	5.77
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	1,380	1.51	9.24	57.21
ADMINISTRATIVE SERVICES MANAGERS	390	0.42	18.86	18.27
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	310	0.34	15.54	22.60
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	1,650	1.81	6.77	50.00
GENERAL MANAGERS AND TOP EXECUTIVES	2,120	2.32	5.14	54.33
ALL OTHER MANAGERS AND ADMINISTRATORS	1,250	1.37	6.83	24.04
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	14,070	15.35	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	1,010	1.10	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	640	0.70	10.85	27.40
ALL OTHER FINANCIAL SPECIALISTS	370	0.40	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	60	0.06	13.54	7.69
ALL OTHER MANAGEMENT SUPPORT WORKERS	750	0.82	N.A.	N.A.
ENGINEERS	960	1.05	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	620	0.68	14.57	21.15
ALL OTHER ENGINEERS	340	0.37	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	1,470	1.60	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	480	0.52	21.17	13.46
DRAFTERS	160	0.17	12.41	12.98
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	830	0.91	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	380	0.41	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	110	0.12	17.11	3.85
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	270	0.29	N.A.	N.A.
WRITERS AND EDITORS	520	0.57	13.54	25.00
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	340	0.37	8.02	16.35
REPORTERS AND CORRESPONDENTS	670	0.73	10.12	16.83
BROADCAST NEWS ANALYSTS	650	0.71	13.81	23.08
ANNOUNCERS, RADIO AND TELEVISION	2,980	3.27	7.16	36.54
PHOTOGRAPHERS	370	0.40	13.31	11.06
CAMERA OPERATORS, TELEVISION AND MOTION PICTURE	500	0.54	9.67	14.42

SIC 48 COMMUNICATION
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
BROADCAST TECHNICIANS	1,730	1.90	11.09	29.81
FILM EDITORS	50	0.05	19.78	5.77
ARTISTS AND RELATED WORKERS	40	0.04	18.95	7.69
DESIGNERS, EXCEPT INTERIOR DESIGNERS	60	0.06	29.72	3.37
PRODUCERS, DIRECTORS, ACTORS, AND OTHER ENTERTAINERS	720	0.79	10.36	20.19
RADIO OPERATORS	150	0.16	42.33	2.88
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	660	0.72	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	5,140	5.62	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	320	0.35	10.79	21.63
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	2,240	2.46	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	2,240	2.46	18.31	21.63
SALES AGENTS, ADVERTISING	1,590	1.74	9.68	35.58
CASHIERS	180	0.19	27.49	7.21
ALL OTHER SALES AND RELATED WORKERS	810	0.88	13.03	21.15
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	37,300	40.88	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,280	1.40	6.38	35.58
CREDIT CHECKERS	10	0.01	31.85	2.88
SECRETARIES	1,630	1.79	8.06	62.02
RECEPTIONISTS AND INFORMATION CLERKS	490	0.53	15.14	32.69
TYPISTS	180	0.19	23.87	8.17
TYPISTS, WORD PROCESSING EQUIPMENT	100	0.10	12.01	5.77
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	130	0.14	7.86	11.54
CUSTOMER SERVICE REPRESENTATIVES, UTILITIES	4,320	4.74	9.37	20.67
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,550	1.70	10.78	53.37
PAYROLL AND TIMEKEEPING CLERKS	110	0.12	15.51	12.02
BILLING, COST AND RATE CLERKS	220	0.24	12.86	8.65
GENERAL OFFICE CLERKS	3,350	3.67	6.81	41.35
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	940	1.02	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	450	0.49	13.47	14.90
DATA ENTRY KEYERS, EXCEPT COMPOSING	330	0.36	11.84	14.42
ALL OTHER OFFICE MACHINE OPERATORS	160	0.17	N.A.	N.A.
COMMUNICATIONS EQUIPMENT OPERATORS	10,370	11.39	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,160	2.36	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	400	0.43	12.02	19.71

SIC 48 COMMUNICATION
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	1,760	1.93	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	10,460	11.48	N.A.	N.A.
SERVICE OCCUPATIONS	400	0.42	N.A.	N.A.
GUARDS AND WATCH GUARDS	40	0.04	23.86	3.37
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	290	0.31	18.15	16.83
ALL OTHER SERVICE WORKERS	70	0.07	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70	0.07	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	26,180	28.71	N.A.	N.A.
INSPECTORS AND RELATED OCCUPATIONS	90	0.09	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	220	0.24	23.33	12.98
TELEPHONE AND CABLE TV LINE INSTALLERS AND REPAIRERS	5,860	6.43	6.37	28.85
ELECTRONICS REPAIRERS, COMMERCIAL AND INDUSTRIAL EQUIPMENT	370	0.40	36.88	7.21
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	12,450	13.67	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	10	0.01	N.A.	N.A.
CARPENTERS	10	0.01	28.49	1.92
ALL OTHER TRANSPORTATION & MATERIAL MOVING EQUIPMENT OPERATORS	40	0.04	38.26	2.40
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	540	0.59	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,600	7.24	N.A.	N.A.

SIC 481   TELEPHONE COMMUNICATION
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	63,800	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	4,910	7.64	N.A.	N.A.
FINANCIAL MANAGERS	220	0.34	24.83	38.78
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	150	0.23	6.20	30.61
PURCHASING MANAGERS	40	0.06	22.52	16.33
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	420	0.65	18.03	46.94
ADMINISTRATIVE SERVICES MANAGERS	320	0.50	22.07	42.86
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	120	0.18	22.79	32.65
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	1,160	1.81	7.75	79.59
GENERAL MANAGERS AND TOP EXECUTIVES	1,480	2.31	5.75	53.06
ALL OTHER MANAGERS AND ADMINISTRATORS	1,000	1.56	6.73	42.86
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	3,840	5.94	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	740	1.15	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	410	0.64	13.60	34.69
ALL OTHER FINANCIAL SPECIALISTS	330	0.51	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	30	0.04	23.19	14.29
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	270	0.42	3.88	22.45
ALL OTHER MANAGEMENT SUPPORT WORKERS	380	0.59	26.54	32.65
ENGINEERS	600	0.93	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	290	0.45	28.39	32.65
ALL OTHER ENGINEERS	310	0.48	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	790	1.22	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	170	0.26	33.66	14.29
DRAFTERS	100	0.15	19.41	32.65
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	520	0.81	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	330	0.51	N.A.	N.A.
COMPUTER PROGRAMMERS	220	0.34	3.09	16.33
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	110	0.17	N.A.	N.A.
TEACHERS AND INSTRUCTORS, VOCATIONAL EDUCATION AND TRAINING	90	0.14	18.59	12.24
WRITERS AND EDITORS	60	0.09	2.56	2.04
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	220	0.34	4.63	14.29
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	330	0.51	N.A.	N.A.

SIC 481 TELEPHONE COMMUNICATION
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALES AND RELATED OCCUPATIONS	1,500	2.33	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	80	0.12	17.06	22.45
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	1,220	1.91	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	1,220	1.91	30.02	26.53
CASHIERS	80	0.12	49.02	6.12
ALL OTHER SALES AND RELATED WORKERS	120	0.18	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	30,840	48.18	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	900	1.41	8.02	65.31
ADJUSTMENT CLERKS	4,320	6.76	1.42	30.61
BILL AND ACCOUNT COLLECTORS	1,110	1.73	3.12	20.41
SECRETARIES	670	1.04	12.30	67.35
STENOGRAPHERS	440	0.68	5.29	8.16
RECEPTIONISTS AND INFORMATION CLERKS	170	0.26	29.65	30.61
TYPISTS	110	0.17	34.14	12.24
TYPISTS, WORD PROCESSING EQUIPMENT	60	0.09	11.13	10.20
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	110	0.17	8.65	28.57
CORRESPONDENCE CLERKS	70	0.10	8.13	10.20
FILE CLERKS	1,040	1.62	2.21	24.49
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	1,680	2.63	3.23	34.69
CUSTOMER SERVICE REPRESENTATIVES, UTILITIES	3,900	6.11	9.92	57.14
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	900	1.41	16.71	55.10
PAYROLL AND TIMEKEEPING CLERKS	90	0.14	19.05	28.57
BILLING, COST AND RATE CLERKS	150	0.23	15.66	8.16
GENERAL OFFICE CLERKS	2,390	3.74	8.04	67.35
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	490	0.76	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	300	0.47	17.17	16.33
DATA ENTRY KEYERS, EXCEPT COMPOSING	150	0.23	7.53	14.29
ALL OTHER OFFICE MACHINE OPERATORS	40	0.06	N.A.	N.A.
SWITCHBOARD OPERATORS	2,680	4.19	3.46	16.33
CENTRAL OFFICE OPERATORS	6,710	10.51	13.37	51.02
ALL OTHER COMMUNICATIONS EQUIPMENT OPERATORS	670	1.04	N.A.	N.A.
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	180	0.28	3.21	12.24
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,810	2.82	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	250	0.39	17.90	30.61
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	1,110	1.73	4.68	30.61
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	390	0.61	6.92	22.45

SIC 481 TELEPHONE COMMUNICATION
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	60	0.09	17.98	20.41
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	190	0.29	N.A.	N.A.
SERVICE OCCUPATIONS	160	0.24	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	60	0.09	11.37	26.53
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	80	0.12	42.52	12.24
ALL OTHER SERVICE WORKERS	20	0.03	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	70	0.10	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	22,480	35.15	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	5,430	8.50	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	60	0.09	18.76	22.45
MAINTENANCE REPAIRERS, GENERAL UTILITY	130	0.20	23.95	36.73
AUTOMOTIVE MECHANICS	50	0.07	19.33	26.53
CENTRAL OFFICE AND PBX INSTALLERS AND REPAIRERS	4,110	6.43	3.92	48.98
FRAME WIRERS, CENTRAL OFFICE	640	1.00	5.00	28.57
TELEPHONE AND CABLE TV LINE INSTALLERS AND REPAIRERS	3,630	5.68	8.15	44.90
ELECTRICAL POWERLINE INSTALLERS AND REPAIRERS	4,570	7.16	4.29	34.69
STATION INSTALLERS AND REPAIRERS, TELEPHONE	1,250	1.95	13.16	36.73
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	1,590	2.49	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	30	0.04	18.68	16.33
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	270	0.42	13.48	26.53
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	720	1.12	N.A.	N.A.

SIC 483 RADIO AND TELEVISION BROADCASTING
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	15,500	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,800	11.55	N.A.	N.A.
FINANCIAL MANAGERS	190	1.22	12.96	51.09
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.12	34.19	6.52
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	680	4.37	12.81	66.30
ADMINISTRATIVE SERVICES MANAGERS	50	0.32	40.69	8.70
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	70	0.45	18.19	16.30
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	190	1.22	19.63	32.61
GENERAL MANAGERS AND TOP EXECUTIVES	450	2.89	11.72	60.97
ALL OTHER MANAGERS AND ADMINISTRATORS	150	0.96	28.84	17.39
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	8,680	55.80	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	60	0.38	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	160	1.02	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	140	0.90	20.40	27.17
ALL OTHER FINANCIAL SPECIALISTS	20	0.12	N.A.	N.A.
ENGINEERS	130	0.83	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	200	1.28	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	80	0.51	26.92	13.04
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	120	0.77	N.A.	N.A.
WRITERS AND EDITORS	450	2.89	15.55	53.26
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	110	0.70	22.65	26.09
REPORTERS AND CORRESPONDENTS	670	4.31	10.12	38.04
BROADCAST NEWS ANALYSTS	650	4.18	13.81	52.17
ANNOUNCERS, RADIO AND TELEVISION	2,970	19.12	7.17	81.52
PHOTOGRAPHERS	370	2.38	13.31	25.00
CAMERA OPERATORS, TELEVISION AND MOTION PICTURE	440	2.83	9.57	28.26
BROADCAST TECHNICIANS	1,310	8.43	9.15	54.35
FILM EDITORS	50	0.32	19.78	13.04
ARTISTS AND RELATED WORKERS	40	0.25	19.42	16.30
DESIGNERS, EXCEPT INTERIOR DESIGNERS	50	0.32	31.47	6.52
PRODUCERS, DIRECTORS, ACTORS, AND OTHER ENTERTAINERS	700	4.50	10.65	41.30
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	320	2.06	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,980	12.73	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED				

SIC 483 RADIO AND TELEVISION BROADCASTING
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
OCCUPATIONS	120	0.77	26.35	19.57
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	330	2.12	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	330	2.12	26.48	15.22
SALES AGENTS, ADVERTISING	1,410	9.07	9.10	65.22
ALL OTHER SALES AND RELATED WORKERS	120	0.77	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,460	15.72	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	140	0.90	22.96	21.74
BILL AND ACCOUNT COLLECTORS	20	0.12	28.26	6.52
SECRETARIES	560	3.60	10.80	61.96
RECEPTIONISTS AND INFORMATION CLERKS	200	1.28	13.99	42.39
TYPISTS	60	0.38	35.30	9.78
TYPISTS, WORD PROCESSING EQUIPMENT	20	0.12	34.59	5.43
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.06	32.63	5.43
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	10	0.06	41.08	4.35
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	380	2.44	11.60	64.13
PAYROLL AND TIMEKEEPING CLERKS	20	0.12	23.80	8.70
BILLING, COST AND RATE CLERKS	40	0.25	25.68	10.87
GENERAL OFFICE CLERKS	380	2.44	20.92	30.43
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	210	1.34	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	100	0.64	24.94	16.30
DATA ENTRY KEYERS, EXCEPT COMPOSING	60	0.38	24.84	10.87
ALL OTHER OFFICE MACHINE OPERATORS	50	0.32	N.A.	N.A.
COMMUNICATIONS EQUIPMENT OPERATORS	110	0.70	N.A.	N.A.
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	30	0.19	19.72	8.70
MESSENGERS	30	0.19	28.53	9.78
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	90	0.57	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	40	0.25	24.94	16.30
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	50	0.32	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	150	0.96	N.A.	N.A.
SERVICE OCCUPATIONS	170	1.08	N.A.	N.A.
GUARDS AND WATCH GUARDS	20	0.12	46.35	3.26
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	150	0.96	20.22	23.91

SIC 483 RADIO AND TELEVISION BROADCASTING
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	410	2.60	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	80	0.51	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	40	0.25	33.20	6.52
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	60	0.38	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	10	0.06	N.A.	N.A.
CARPENTERS	10	0.06	28.49	4.35
ALL OTHER TRANSPORTATION & MATERIAL MOVING EQUIPMENT OPERATORS	10	0.06	35.91	3.26
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	190	1.22	44.70	6.52
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.12	N.A.	N.A.

SIC 489 COMMUNICATION SERVICES, NEC
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	10,770	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,070	9.92	N.A.	N.A.
FINANCIAL MANAGERS	110	1.02	29.21	29.31
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	270	2.51	19.62	56.90
ADMINISTRATIVE SERVICES MANAGERS	20	0.18	49.01	15.52
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	120	1.11	32.00	27.59
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.18	N.A.	N.A.
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	230	2.14	21.94	48.28
GENERAL MANAGERS AND TOP EXECUTIVES	190	1.76	22.54	53.45
ALL OTHER MANAGERS AND ADMINISTRATORS	110	1.02	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,520	14.07	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	90	0.83	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	80	0.74	33.64	24.14
ALL OTHER FINANCIAL SPECIALISTS	10	0.09	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	20	0.18	13.93	10.34
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.18	7.13	13.79
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.18	35.19	6.90
ENGINEERS	240	2.23	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	490	4.54	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	240	2.23	34.76	15.52
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	160	1.48	0.00	1.72
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	90	0.83	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	40	0.36	N.A.	N.A.
COMPUTER PROGRAMMERS	20	0.18	26.73	10.34
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	20	0.18	N.A.	N.A.
CAMERA OPERATORS, TELEVISION AND MOTION PICTURE	60	0.55	40.85	6.90
BROADCAST TECHNICIANS	420	3.91	35.63	20.69
PRODUCERS, DIRECTORS, ACTORS, AND OTHER ENTERTAINERS	20	0.18	24.86	6.90
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	100	0.93	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,470	13.66	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	130	1.21	8.62	27.59

SIC 489 COMMUNICATION SERVICES, NEC
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	690	6.42	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	690	6.42	23.80	31.03
SALES AGENTS, ADVERTISING	60	0.55	29.18	18.97
CASHIERS	50	0.46	26.92	12.07
ALL OTHER SALES AND RELATED WORKERS	540	5.02	12.77	31.03
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,630	33.68	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	230	2.14	7.88	37.93
ADJUSTMENT CLERKS	820	7.63	12.42	29.31
BILL AND ACCOUNT COLLECTORS	240	2.23	10.22	24.14
SECRETARIES	330	3.07	16.37	60.34
RECEPTIONISTS AND INFORMATION CLERKS	120	1.11	39.28	24.14
TYPISTS, WORD PROCESSING EQUIPMENT	10	0.09	38.01	3.45
FILE CLERKS	20	0.18	13.99	6.90
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	30	0.27	29.09	12.07
CUSTOMER SERVICE REPRESENTATIVES, UTILITIES	340	3.16	30.44	24.14
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	250	2.32	20.75	39.66
BILLING, COST AND RATE CLERKS	20	0.18	42.64	6.90
GENERAL OFFICE CLERKS	570	5.30	16.29	41.38
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	240	2.22	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	120	1.11	27.84	22.41
ALL OTHER OFFICE MACHINE OPERATORS	120	1.11	N.A.	N.A.
COMMUNICATIONS EQUIPMENT OPERATORS	100	0.93	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	260	2.39	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	150	1.39	12.40	41.38
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	50	0.46	25.38	20.69
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	30	0.27	21.49	8.62
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.27	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	0.46	N.A.	N.A.
SERVICE OCCUPATIONS	40	0.37	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	0.37	45.14	10.34
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,040	28.26	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION,				

SIC 489 COMMUNICATION SERVICES, NEC
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	340	3.16	N.A.	N.A.
INSPECTORS AND RELATED OCCUPATIONS	30	0.27	N.A.	N.A.
TELEPHONE AND CABLE TV LINE INSTALLERS AND REPAIRERS	2,210	20.57	10.27	63.79
ELECTRONICS REPAIRERS, COMMERCIAL AND INDUSTRIAL EQUIPMENT	230	2.14	43.04	18.97
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	160	1.48	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	50	0.46	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.18	N.A.	N.A.

SIC 49 ELECTRIC, GAS, AND SANITARY SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	79,590	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	6,410	8.01	N.A.	N.A.
FINANCIAL MANAGERS	310	0.38	19.13	17.39
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	150	0.18	23.03	12.42
PURCHASING MANAGERS	120	0.15	20.86	13.04
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	290	0.36	19.53	20.50
ADMINISTRATIVE SERVICES MANAGERS	210	0.26	17.87	10.56
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	880	1.10	12.79	16.77
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	2,050	2.57	12.80	49.69
GENERAL MANAGERS AND TOP EXECUTIVES	1,540	1.93	21.17	43.48
ALL OTHER MANAGERS AND ADMINISTRATORS	860	1.08	14.31	16.77
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	12,810	15.93	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	2,020	2.52	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	1,570	1.97	18.16	21.12
BUDGET ANALYSTS	180	0.22	19.21	8.07
ALL OTHER FINANCIAL SPECIALISTS	270	0.33	23.10	7.45
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	470	0.59	16.29	13.66
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	580	0.72	11.78	10.56
ALL OTHER MANAGEMENT SUPPORT WORKERS	1,120	1.40	20.14	11.18
ENGINEERS	2,280	2.83	N.A.	N.A.
CHEMICAL ENGINEERS	120	0.15	11.30	3.73
CIVIL ENGINEERS, INCLUDING TRAFFIC	410	0.51	22.04	10.56
ELECTRICAL AND ELECTRONIC ENGINEERS	1,130	1.42	12.72	14.29
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	100	0.12	43.48	6.83
SAFETY ENGINEERS, EXCEPT MINING	110	0.13	16.50	6.21
MECHANICAL ENGINEERS	220	0.27	37.32	8.70
ALL OTHER ENGINEERS	190	0.23	N.A.	N.A.
SURVEYING AND MAPPING SCIENTISTS	20	0.02	31.00	4.35
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	3,090	3.86	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	90	0.11	34.56	3.11
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	900	1.13	15.94	10.56
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	40	0.05	37.64	4.35
DRAFTERS	600	0.75	17.15	14.91
ESTIMATORS AND DRAFTERS, UTILITIES	480	0.60	29.67	9.32
SURVEYING AND MAPPING TECHNICIANS AND TECHNOLOGISTS	460	0.57	18.54	10.56
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND				

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TECHNOLOGISTS	520	0.65	16.94	9.94
PHYSICAL SCIENTISTS	190	0.23	N.A.	N.A.
GEOLOGISTS, GEOPHYSICISTS, AND OCEANOGRAPHERS	60	0.07	32.67	3.11
ALL OTHER PHYSICAL SCIENTISTS	130	0.16	25.88	4.35
LIFE SCIENTISTS	30	0.03	27.00	2.48
COMPUTER SCIENTISTS AND RELATED WORKERS	1,630	2.03	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	1,000	1.25	12.70	10.56
COMPUTER PROGRAMMERS	400	0.50	14.28	8.70
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	230	0.28	N.A.	N.A.
LAWYERS	190	0.23	16.84	7.45
FARM AND HOME MANAGEMENT ADVISORS	130	0.16	36.39	6.83
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	60	0.07	21.74	2.48
WRITERS AND EDITORS	50	0.06	26.51	4.97
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	220	0.27	9.57	8.07
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	730	0.91	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,230	1.52	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	110	0.13	27.82	10.56
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	460	0.57	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	460	0.57	19.40	15.53
SALESPERSONS, RETAIL	130	0.16	28.11	6.83
CASHIERS	410	0.51	25.88	14.91
ALL OTHER SALES AND RELATED WORKERS	120	0.15	32.89	5.59
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	21,090	26.38	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,640	2.06	11.66	27.95
ADJUSTMENT CLERKS	360	0.45	22.63	9.94
BILL AND ACCOUNT COLLECTORS	870	1.09	12.47	24.84
SECRETARIES	1,930	2.42	6.87	45.34
STENOGRAPHERS	470	0.59	25.61	11.18
RECEPTIONISTS AND INFORMATION CLERKS	160	0.20	29.80	14.91
TYPISTS	600	0.75	17.88	13.04
TYPISTS, WORD PROCESSING EQUIPMENT	260	0.32	14.00	8.07
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	340	0.42	17.25	8.70
FILE CLERKS	150	0.18	31.94	8.07
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	300	0.37	12.76	10.56

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CUSTOMER SERVICE REPRESENTATIVES, UTILITIES	2,530	3.17	10.05	24.22
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,490	1.87	20.70	37.89
PAYROLL AND TIMEKEEPING CLERKS	210	0.26	14.33	11.18
BILLING, COST AND RATE CLERKS	280	0.35	33.59	14.29
GENERAL OFFICE CLERKS	3,650	4.58	12.55	58.39
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	930	1.15	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	90	0.11	28.51	6.21
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	240	0.30	15.09	9.94
PERIPHERAL EDP EQUIPMENT OPERATORS	140	0.17	20.23	2.48
DATA ENTRY KEYERS, EXCEPT COMPOSING	360	0.45	22.44	14.29
ALL OTHER OFFICE MACHINE OPERATORS	100	0.12	16.13	3.73
SWITCHBOARD OPERATORS	210	0.26	12.34	17.39
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	4,090	5.12	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	680	0.85	17.06	26.09
METER READERS, UTILITIES	2,200	2.76	10.27	39.75
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	750	0.94	12.77	22.98
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	50	0.06	42.82	4.35
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	410	0.51	19.09	6.83
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	620	0.77	N.A.	N.A.
SERVICE OCCUPATIONS	1,260	1.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	360	0.45	34.83	13.66
GUARDS AND WATCH GUARDS	110	0.13	31.71	4.35
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	660	0.82	21.62	21.74
ALL OTHER SERVICE WORKERS	130	0.16	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	20	0.02	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	36,770	46.03	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	4,630	5.80	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	1,780	2.23	13.29	49.07
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	910	1.14	11.78	26.09
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-				

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	1,940	2.43	20.21	14.29
PRECISION INSPECTORS, TESTERS, AND GRADERS	830	1.04	20.64	17.39
ALL OTHER INSPECTORS, TESTERS AND RELATED OCCUPATIONS	120	0.15	25.05	8.07
MACHINERY MAINTENANCE MECHANICS	2,540	3.19	N.A.	N.A.
MACHINERY MAINTENANCE WORKERS	80	0.10	46.22	3.11
MAINTENANCE REPAIRERS, GENERAL UTILITY	1,160	1.45	18.35	29.81
AUTOMOTIVE MECHANICS	780	0.98	14.94	13.66
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	220	0.27	12.88	14.91
ELECTRIC MOTOR, TRANSFORMER, AND RELATED REPAIRERS	130	0.16	42.32	4.35
POWERHOUSE, SUBSTATION, AND RELAY ELECTRICIANS	1,960	2.46	15.05	8.07
ELECTRICAL POWERLINE INSTALLERS AND REPAIRERS	4,680	5.88	6.66	15.53
ALL OTHER ELECTRICAL AND ELECTRONIC EQUIPMENT MECHANICS, INSTALLERS, AND REPAIRERS	780	0.98	14.80	4.35
PRECISION INSTRUMENT REPAIRERS	640	0.80	20.99	18.63
ELECTRIC METER INSTALLERS AND REPAIRERS	800	1.00	19.13	9.32
MECHANICAL CONTROL AND VALVE INSTALLERS AND REPAIRERS	1,570	1.97	20.24	15.53
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	480	0.60	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	1,490	1.85	N.A.	N.A.
ELECTRICIANS	400	0.50	25.65	11.18
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	20	0.02	37.19	4.35
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	370	0.46	41.46	6.21
PIPELAYERS	600	0.75	46.11	4.97
ALL OTHER CONSTRUCTION TRADES WORKERS	100	0.12	36.29	3.73
PRECISION PRODUCTION OCCUPATIONS	560	0.70	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	290	0.35	N.A.	N.A.
BOILER OPERATORS AND TENDERS, LOW PRESSURE	30	0.03	46.69	1.86
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	120	0.15	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	140	0.17	48.02	3.11
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	440	0.55	N.A.	N.A.
PLANT AND SYSTEM WORKERS	5,180	6.49	N.A.	N.A.
GAS PLANT OPERATORS	1,650	2.07	29.84	11.80
POWER GENERATING PLANT OPERATORS, EXCEPT AUXILIARY EQUIPMENT OPERATORS	870	1.09	11.52	7.45
AUXILIARY EQUIPMENT OPERATORS, POWER	1,020	1.28	14.67	7.45
POWER DISTRIBUTORS AND DISPATCHERS	850	1.06	13.94	8.70
ALL OTHER PLANT AND SYSTEM OPERATORS	790	0.99	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,280	1.60	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER..............................	1,120	1.40	14.20	17.39
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS...............	160	0.20	29.28	11.80
MATERIAL MOVING EQUIPMENT OPERATORS..................................	1,670	2.08	N.A.	N.A.
GAS PUMPING STATION OPERATORS..	200	0.25	43.68	6.83
GAS COMPRESSOR OPERATORS...	380	0.47	31.31	7.45
INDUSTRIAL TRUCK AND TRACTOR OPERATORS...............................	390	0.49	21.51	4.97
OPERATING ENGINEERS..	640	0.80	23.71	14.91
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS........................	60	0.07	31.37	4.35
HELPERS, MECHANIC AND REPAIRER.......................................	320	0.40	16.88	9.32
HELPERS- ELECTRICIANS AND POWERLINE TRANSMISSION INSTALLERS...........	1,270	1.59	12.14	14.29
HELPERS, ALL OTHER CONSTRUCTION TRADES................................	530	0.66	36.15	6.21
REFUSE COLLECTORS..	1,220	1.53	16.21	11.18
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND................	840	1.05	25.04	20.50
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS..	280	0.35	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	45,020	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	2,580	5.70	N.A.	N.A.
FINANCIAL MANAGERS	110	0.24	35.08	36.00
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	70	0.15	41.95	36.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	170	0.37	31.70	56.00
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	610	1.35	16.00	32.00
ALL OTHER ADMINISTRATIVE MANAGERS	110	0.24	N.A.	N.A.
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	520	1.15	14.65	68.00
GENERAL MANAGERS AND TOP EXECUTIVES	450	1.00	21.88	72.00
ALL OTHER MANAGERS AND ADMINISTRATORS	540	1.20	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	7,700	17.00	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	850	1.88	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	590	1.31	28.70	48.00
BUDGET ANALYSTS	90	0.20	14.95	28.00
ALL OTHER FINANCIAL SPECIALISTS	170	0.37	31.51	20.00
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	170	0.37	8.95	32.00
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	360	0.80	5.28	36.00
ALL OTHER MANAGEMENT SUPPORT WORKERS	560	1.24	13.87	28.00
ENGINEERS	1,560	3.44	N.A.	N.A.
CHEMICAL ENGINEERS	110	0.24	11.07	16.00
ELECTRICAL AND ELECTRONIC ENGINEERS	970	2.15	12.69	60.00
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	100	0.22	47.91	32.00
MECHANICAL ENGINEERS	120	0.26	49.37	28.00
ALL OTHER ENGINEERS	260	0.57	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	2,340	5.18	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	750	1.66	16.31	32.00
DRAFTERS	270	0.60	35.36	32.00
ESTIMATORS AND DRAFTERS, UTILITIES	460	1.02	30.27	48.00
SURVEYING AND MAPPING TECHNICIANS AND TECHNOLOGISTS	330	0.73	21.70	32.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	530	1.17	N.A.	N.A.
PHYSICAL SCIENTISTS	120	0.26	28.21	24.00
LIFE SCIENTISTS	30	0.06	28.39	12.00
COMPUTER SCIENTISTS AND RELATED WORKERS	850	1.88	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	640	1.42	6.41	28.00
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER				

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
AIDES	210	0.46	N.A.	N.A.
LAWYERS	50	0.11	32.30	16.00
FARM AND HOME MANAGEMENT ADVISORS	100	0.22	43.99	28.00
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	60	0.13	23.14	8.00
WRITERS AND EDITORS	20	0.04	35.55	16.00
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	200	0.44	9.96	36.00
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	430	0.95	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	720	1.58	N.A.	N.A.
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	290	0.64	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	290	0.64	29.53	20.00
CASHIERS	310	0.68	33.11	40.00
ALL OTHER SALES AND RELATED WORKERS	120	0.26	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	12,280	27.16	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,060	2.35	8.54	56.00
ADJUSTMENT CLERKS	220	0.48	29.47	32.00
BILL AND ACCOUNT COLLECTORS	660	1.46	15.61	36.00
SECRETARIES	940	2.08	11.48	72.00
STENOGRAPHERS	250	0.55	33.89	24.00
TYPISTS	490	1.08	21.54	24.00
TYPISTS, WORD PROCESSING EQUIPMENT	130	0.28	14.38	16.00
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	260	0.57	19.19	20.00
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	250	0.55	14.19	44.00
CUSTOMER SERVICE REPRESENTATIVES, UTILITIES	2,080	4.62	10.73	88.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	740	1.64	19.34	60.00
PAYROLL AND TIMEKEEPING CLERKS	170	0.37	15.35	32.00
GENERAL OFFICE CLERKS	1,100	2.44	27.10	60.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	510	1.12	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	160	0.35	19.85	24.00
PERIPHERAL EDP EQUIPMENT OPERATORS	140	0.31	21.09	12.00
DATA ENTRY KEYERS, EXCEPT COMPOSING	120	0.26	46.25	24.00
ALL OTHER OFFICE MACHINE OPERATORS	90	0.20	N.A.	N.A.
SWITCHBOARD OPERATORS	140	0.31	16.16	48.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,690	5.95	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	390	0.86	19.51	48.00

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
METER READERS, UTILITIES	1,250	2.77	10.11	80.00
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	600	1.33	14.58	68.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	50	0.11	46.02	24.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	400	0.88	19.50	32.00
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	590	1.31	N.A.	N.A.
SERVICE OCCUPATIONS	530	1.17	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	250	0.55	27.68	60.00
ALL OTHER SERVICE WORKERS	280	0.62	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	10	0.02	27.34	4.00
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	21,200	46.97	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	3,110	6.90	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	960	2.13	20.59	68.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	440	0.97	12.84	32.00
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	1,710	3.80	22.57	28.00
PRECISION INSPECTORS, TESTERS, AND GRADERS	320	0.71	43.38	32.00
ALL OTHER INSPECTORS, TESTERS AND RELATED OCCUPATIONS	50	0.11	49.11	20.00
MACHINERY MAINTENANCE MECHANICS	1,550	3.44	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	150	0.33	37.45	16.00
AUTOMOTIVE MECHANICS	660	1.46	16.96	48.00
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	30	0.06	48.27	20.00
ELECTRIC MOTOR, TRANSFORMER, AND RELATED REPAIRERS	130	0.28	42.65	24.00
POWERHOUSE, SUBSTATION, AND RELAY ELECTRICIANS	1,940	4.31	15.17	44.00
ELECTRICAL POWERLINE INSTALLERS AND REPAIRERS	4,680	10.40	6.67	92.00
ALL OTHER ELECTRICAL AND ELECTRONIC EQUIPMENT MECHANICS, INSTALLERS, AND REPAIRERS	700	1.55	14.70	20.00
PRECISION INSTRUMENT REPAIRERS	200	0.44	36.46	40.00
ELECTRIC METER INSTALLERS AND REPAIRERS	800	1.77	19.13	60.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	250	0.55	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	320	0.71	N.A.	N.A.
ELECTRICIANS	320	0.71	30.89	28.00

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION METAL WORKERS	250	0.55	N.A.	N.A.
MACHINISTS	250	0.55	49.42	24.00
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	210	0.46	N.A.	N.A.
OTHER HAND WORKERS, NEC	90	0.20	N.A.	N.A.
WELDERS AND CUTTERS	90	0.20	42.25	20.00
PLANT AND SYSTEM WORKERS	2,860	6.34	N.A.	N.A.
POWER GENERATING PLANT OPERATORS, EXCEPT AUXILIARY EQUIPMENT OPERATORS	840	1.86	11.83	40.00
AUXILIARY EQUIPMENT OPERATORS, POWER	960	2.13	15.49	32.00
ALL OTHER PLANT AND SYSTEM OPERATORS	1,060	2.35	N.A.	N.A.
MOTOR VEHICLE OPERATORS	480	1.06	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	480	1.06	23.01	36.00
MATERIAL MOVING EQUIPMENT OPERATORS	200	0.43	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	170	0.37	23.88	12.00
OPERATING ENGINEERS	30	0.06	24.82	8.00
HELPERS, MECHANIC AND REPAIRER	260	0.57	17.95	36.00
HELPERS- ELECTRICIANS AND POWERLINE TRANSMISSION INSTALLERS	1,170	2.60	12.36	72.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	570	1.26	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	220	0.48	N.A.	N.A.

SIC 492 GAS PRODUCTION AND DISTRIBUTION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	28,440	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	3,410	11.93	N.A.	N.A.
FINANCIAL MANAGERS	170	0.59	26.04	14.00
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	80	0.28	25.70	18.00
PURCHASING MANAGERS	60	0.21	23.34	20.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	90	0.31	18.31	18.00
ADMINISTRATIVE SERVICES MANAGERS	150	0.52	14.53	18.00
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	270	0.94	21.54	32.00
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	1,330	4.67	18.70	66.00
GENERAL MANAGERS AND TOP EXECUTIVES	950	3.33	32.54	44.00
ALL OTHER MANAGERS AND ADMINISTRATORS	310	1.08	24.60	28.00
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	5,070	17.71	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	1,150	4.03	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	950	3.33	24.04	22.00
BUDGET ANALYSTS	100	0.35	34.03	12.00
ALL OTHER FINANCIAL SPECIALISTS	100	0.35	33.70	12.00
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	300	1.05	25.55	18.00
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	220	0.77	29.73	14.00
ALL OTHER MANAGEMENT SUPPORT WORKERS	560	1.96	37.77	22.00
ENGINEERS	700	2.44	N.A.	N.A.
CIVIL ENGINEERS, INCLUDING TRAFFIC	290	1.01	23.09	16.00
ELECTRICAL AND ELECTRONIC ENGINEERS	160	0.56	46.05	16.00
SAFETY ENGINEERS, EXCEPT MINING	40	0.14	35.06	12.00
ALL OTHER ENGINEERS	210	0.73	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	750	2.61	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	60	0.21	41.83	6.00
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	160	0.56	49.07	18.00
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.07	33.75	10.00
DRAFTERS	330	1.15	12.52	30.00
SURVEYING AND MAPPING TECHNICIANS AND TECHNOLOGISTS	130	0.45	35.69	18.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	50	0.17	N.A.	N.A.
PHYSICAL SCIENTISTS	70	0.24	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	780	2.73	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	360	1.26	33.18	18.00
COMPUTER PROGRAMMERS	220	0.77	22.14	16.00

SIC 492 GAS PRODUCTION AND DISTRIBUTION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER PROGRAMMER AIDES	200	0.70	25.96	8.00
LAWYERS	140	0.49	19.82	14.00
WRITERS AND EDITORS	30	0.10	38.64	8.00
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	20	0.07	33.97	8.00
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	350	1.22	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	350	1.21	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	50	0.17	24.92	18.00
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	70	0.24	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	70	0.24	28.92	16.00
SALESPERSONS, RETAIL	130	0.45	28.11	22.00
CASHIERS	60	0.21	24.32	18.00
ALL OTHER SALES AND RELATED WORKERS	40	0.14	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	7,510	26.28	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	550	1.93	30.44	42.00
BILL AND ACCOUNT COLLECTORS	130	0.45	22.15	22.00
SECRETARIES	860	3.02	8.55	50.00
STENOGRAPHERS	210	0.73	39.61	22.00
RECEPTIONISTS AND INFORMATION CLERKS	50	0.17	43.04	14.00
TYPISTS	100	0.35	23.38	22.00
TYPISTS, WORD PROCESSING EQUIPMENT	130	0.45	24.56	16.00
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	70	0.24	40.71	14.00
FILE CLERKS	80	0.28	32.84	14.00
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	50	0.17	29.06	10.00
CUSTOMER SERVICE REPRESENTATIVES, UTILITIES	410	1.44	29.16	20.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	550	1.93	48.98	22.00
PAYROLL AND TIMEKEEPING CLERKS	40	0.14	43.84	8.00
BILLING, COST AND RATE CLERKS	40	0.14	46.35	8.00
GENERAL OFFICE CLERKS	2,270	7.97	15.21	84.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	390	1.35	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	50	0.17	36.20	6.00
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	70	0.24	22.79	16.00
DATA ENTRY KEYERS, EXCEPT COMPOSING	240	0.84	26.24	24.00
ALL OTHER OFFICE MACHINE OPERATORS	30	0.10	N.A.	N.A.
SWITCHBOARD OPERATORS	60	0.21	18.54	26.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING				

SIC 492 GAS PRODUCTION AND DISTRIBUTION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
WORKERS	1,050	3.66	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	250	0.87	35.35	30.00
METER READERS, UTILITIES	660	2.31	27.25	36.00
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	130	0.45	28.01	30.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	10	0.03	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	470	1.65	N.A.	N.A.
SERVICE OCCUPATIONS	450	1.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	150	0.52	46.45	20.00
GUARDS AND WATCH GUARDS	70	0.24	35.87	8.00
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	170	0.59	35.43	20.00
ALL OTHER SERVICE WORKERS	60	0.21	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	11,650	40.81	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,260	4.41	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	660	2.31	19.24	58.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	420	1.47	21.52	44.00
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	180	0.63	36.07	20.00
PRECISION INSPECTORS, TESTERS, AND GRADERS	510	1.79	19.80	38.00
ALL OTHER INSPECTORS, TESTERS AND RELATED OCCUPATIONS	70	0.24	25.48	16.00
MACHINERY MAINTENANCE MECHANICS	880	3.09	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	800	2.81	25.19	38.00
AUTOMOTIVE MECHANICS	90	0.31	34.40	10.00
PRECISION INSTRUMENT REPAIRERS	430	1.51	25.77	36.00
MECHANICAL CONTROL AND VALVE INSTALLERS AND REPAIRERS	1,460	5.13	21.53	40.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	410	1.44	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	970	3.39	N.A.	N.A.
ELECTRICIANS	70	0.24	39.76	14.00
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	300	1.05	44.54	12.00
PIPELAYERS	600	2.10	46.11	16.00
PRECISION PRODUCTION OCCUPATIONS	310	1.08	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	80	0.28	N.A.	N.A.
OTHER HAND WORKERS, NEC	300	1.05	N.A.	N.A.

SIC 492 GAS PRODUCTION AND DISTRIBUTION
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
WELDERS AND CUTTERS	300	1.05	20.26	50.00
PLANT AND SYSTEM WORKERS	1,990	6.98	N.A.	N.A.
GAS PLANT OPERATORS	1,650	5.79	29.84	38.00
ALL OTHER PLANT AND SYSTEM OPERATORS	340	1.19	N.A.	N.A.
MOTOR VEHICLE OPERATORS	30	0.10	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	30	0.10	41.44	10.00
MATERIAL MOVING EQUIPMENT OPERATORS	1,140	3.99	N.A.	N.A.
GAS PUMPING STATION OPERATORS	200	0.70	43.68	22.00
GAS COMPRESSOR OPERATORS	380	1.33	31.31	24.00
OPERATING ENGINEERS	530	1.86	27.46	32.00
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	30	0.10	46.04	8.00
HELPERS, MECHANIC AND REPAIRER	50	0.17	48.21	10.00
HELPERS, ALL OTHER CONSTRUCTION TRADES	300	1.05	44.51	10.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	360	1.26	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	210	0.73	N.A.	N.A.

SIC 495 SANITARY SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	4,090	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	240	5.82	N.A.	N.A.
FINANCIAL MANAGERS	30	0.73	16.44	32.35
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.48	20.06	23.53
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.48	N.A.	N.A.
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	70	1.70	28.32	32.35
GENERAL MANAGERS AND TOP EXECUTIVES	100	2.43	21.22	61.76
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	60	1.45	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.48	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	0.97	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	120	2.91	N.A.	N.A.
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	100	2.43	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	100	2.43	13.52	32.35
ALL OTHER SALES AND RELATED WORKERS	20	0.48	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	450	10.92	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10	0.24	15.56	23.53
ADJUSTMENT CLERKS	10	0.24	40.89	5.88
BILL AND ACCOUNT COLLECTORS	20	0.48	19.57	32.35
SECRETARIES	60	1.46	19.64	47.06
RECEPTIONISTS AND INFORMATION CLERKS	20	0.48	21.36	29.41
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	100	2.43	24.69	55.88
BILLING, COST AND RATE CLERKS	10	0.24	33.24	8.82
GENERAL OFFICE CLERKS	110	2.68	25.29	38.24
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	30	0.73	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	50	1.21	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.73	N.A.	N.A.
SERVICE OCCUPATIONS	250	6.09	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	30	0.73	21.32	14.71
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	220	5.36	49.60	20.59

SIC 495 SANITARY SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,970	72.34	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	100	2.42	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	40	0.97	32.47	32.35
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	20	0.48	48.65	11.76
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	40	0.97	43.31	11.76
MACHINERY MAINTENANCE MECHANICS	50	1.21	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, WATER OR POWER GENERATION PLANT	50	1.21	39.23	11.76
MAINTENANCE REPAIRERS, GENERAL UTILITY	50	1.21	34.05	17.65
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	190	4.63	12.52	55.88
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	0.97	N.A.	N.A.
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	40	0.97	N.A.	N.A.
PLANT AND SYSTEM WORKERS	40	0.97	N.A.	N.A.
MOTOR VEHICLE OPERATORS	670	16.33	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	610	14.87	18.69	41.18
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	60	1.46	41.06	17.65
MATERIAL MOVING EQUIPMENT OPERATORS	220	5.36	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	220	5.36	33.12	11.76
REFUSE COLLECTORS	1,220	29.75	16.21	52.94
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	150	3.65	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	200	4.87	N.A.	N.A.

SIC 50   WHOLESALE TRADE-DURABLE GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	275,350	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	27,140	9.83	N.A.	N.A.
FINANCIAL MANAGERS	670	0.24	20.29	12.09
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	250	0.09	21.63	7.60
PURCHASING MANAGERS	2,550	0.92	17.28	22.33
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	1,800	0.65	15.55	11.47
ADMINISTRATIVE SERVICES MANAGERS	390	0.14	38.11	5.89
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	1,050	0.38	27.73	12.09
GENERAL MANAGERS AND TOP EXECUTIVES	19;300	7.00	5.37	78.45
ALL OTHER MANAGERS AND ADMINISTRATORS	1,130	0.41	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	21,190	7.62	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	3,690	1.33	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	3,350	1.21	12.69	24.81
BUDGET ANALYSTS	90	0.03	32.36	1.55
ALL OTHER FINANCIAL SPECIALISTS	250	0.09	28.23	2.79
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	3,280	1.19	18.92	20.00
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	110	0.03	40.27	2.33
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	390	0.14	45.88	2.48
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	360	0.13	16.31	4.34
COST ESTIMATORS	130	0.04	33.97	2.02
ALL OTHER MANAGEMENT SUPPORT WORKERS	420	0.15	36.61	2.79
ENGINEERS	2,760	0.99	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	1,970	0.71	30.02	2.48
ALL OTHER ENGINEERS	790	0.28	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	4,020	1.46	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	3,260	1.18	25.87	5.27
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	760	0.27	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	3,790	1.38	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	2,110	0.76	17.79	5.43
COMPUTER PROGRAMMERS	1,570	0.57	28.29	10.08
COMPUTER PROGRAMMER AIDES	110	0.03	39.40	3.41
WRITERS AND EDITORS	60	0.02	42.46	2.33
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	2,180	0.79	N.A.	N.A.

SIC 50 WHOLESALE TRADE-DURABLE GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALES AND RELATED OCCUPATIONS	76,500	27.72	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	8,260	2.99	14.74	41.24
SALES ENGINEERS	1,750	0.63	30.54	3.57
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	20,490	7.43	16.75	14.88
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	25,530	9.26	13.65	51.32
SALESPERSONS, RETAIL	5,800	2.10	22.81	13.33
SALESPERSONS, PARTS	9,900	3.59	18.28	14.88
STOCK CLERKS, SALES FLOOR	3,200	1.16	33.35	9.77
CASHIERS	740	0.26	24.78	7.13
ALL OTHER SALES AND RELATED WORKERS	830	0.30	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	74,430	26.89	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4,750	1.72	10.25	38.76
CREDIT AUTHORIZERS	230	0.08	42.30	3.88
CREDIT CHECKERS	120	0.04	29.41	3.72
ADJUSTMENT CLERKS	1,040	0.37	33.77	7.29
BILL AND ACCOUNT COLLECTORS	360	0.13	20.80	5.58
SECRETARIES	11,500	4.17	10.11	48.68
STENOGRAPHERS	120	0.04	39.21	0.93
RECEPTIONISTS AND INFORMATION CLERKS	3,150	1.14	18.52	22.95
TYPISTS	1,330	0.48	30.68	10.23
TYPISTS, WORD PROCESSING EQUIPMENT	520	0.18	25.67	5.43
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	130	0.04	24.67	4.50
FILE CLERKS	190	0.06	28.68	4.50
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	3,610	1.31	23.39	20.93
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	10,070	3.65	10.55	47.13
PAYROLL AND TIMEKEEPING CLERKS	170	0.06	21.04	6.05
BILLING, COST AND RATE CLERKS	1,740	0.63	30.91	13.02
GENERAL OFFICE CLERKS	9,380	3.40	11.55	39.22
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	4,770	1.71	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	670	0.24	22.27	8.22
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	1,930	0.70	28.77	14.26
DATA ENTRY KEYERS, EXCEPT COMPOSING	2,120	0.76	20.60	14.42
ALL OTHER OFFICE MACHINE OPERATORS	50	0.01	N.A.	N.A.
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	200	0.07	19.31	5.58
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING				

SIC 50 WHOLESALE TRADE-DURABLE GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
WORKERS	19,090	6.90	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	170	0.06	27.48	4.34
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	160	0.05	25.03	2.02
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	8,920	3.23	11.92	31.47
ORDER FILLERS, WHOLESALE AND RETAIL SALES	4,450	1.61	16.25	17.98
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	5,210	1.89	12.93	32.56
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	180	0.06	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	1,960	0.71	N.A.	N.A.
SERVICE OCCUPATIONS	1,890	0.67	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	60	0.02	49.89	1.55
GUARDS AND WATCH GUARDS	190	0.06	29.44	2.33
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	1,060	0.38	N.A.	N.A.
ALL OTHER SERVICE WORKERS	580	0.21	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	40	0.01	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	74,160	26.79	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	4,850	1.75	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	3,900	1.41	15.35	17.36
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	950	0.34	29.79	7.44
INSPECTORS AND RELATED OCCUPATIONS	1,420	0.51	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	3,570	1.29	32.57	12.87
AUTOMOTIVE MECHANICS	1,010	0.36	39.59	5.12
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	3,540	1.28	33.99	6.51
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	2,140	0.77	35.02	2.33
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	14,310	5.19	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	50	0.01	N.A.	N.A.
CARPENTERS	50	0.01	40.72	0.93
PRECISION METAL WORKERS	1,820	0.65	N.A.	N.A.
MACHINISTS	1,720	0.62	45.58	5.27
JEWELERS AND SILVERSMITHS	100	0.03	42.37	0.78
PRECISION WORKERS, NEC	280	0.10	N.A.	N.A.

SIC 50   WHOLESALE TRADE-DURABLE GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PRECISION WORKERS, NEC	280	0.10	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	1,300	0.47	N.A.	N.A.
OTHER HAND WORKERS, NEC	5,320	1.92	N.A.	N.A.
WELDERS AND CUTTERS	1,830	0.66	25.99	7.91
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	2,900	1.05	47.43	2.95
ALL OTHER HAND WORKERS, NEC	590	0.21	N.A.	N.A.
MOTOR VEHICLE OPERATORS	13,030	4.71	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	3,380	1.22	13.67	20.16
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	9,540	3.46	22.89	33.64
DRIVER/SALES WORKERS	110	0.03	40.75	0.47
MATERIAL MOVING EQUIPMENT OPERATORS	2,560	0.92	N.A.	N.A.
CRANE AND TOWER OPERATORS	400	0.14	22.59	4.81
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	2,160	0.78	33.83	13.02
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	6,680	2.42	34.42	16.28
HAND PACKERS AND PACKAGERS	1,430	0.51	24.68	6.05
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	4,510	1.63	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,340	2.30	N.A.	N.A.

SIC 502 FURNITURE AND HOME FURNISHINGS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	9,830	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	920	9.30	N.A.	N.A.
FINANCIAL MANAGERS	40	0.40	26.02	13.58
PURCHASING MANAGERS	110	1.11	23.12	23.46
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	60	0.60	24.53	11.11
ADMINISTRATIVE SERVICES MANAGERS	10	0.10	26.69	6.17
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	60	0.60	25.04	14.81
GENERAL MANAGERS AND TOP EXECUTIVES	610	6.19	11.24	71.60
ALL OTHER MANAGERS AND ADMINISTRATORS	30	0.30	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	500	5.05	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	180	1.82	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	170	1.72	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	70	0.70	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	10	0.10	47.13	4.94
COMPUTER PROGRAMMERS	60	0.60	32.02	14.81
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	0.81	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	2,750	27.94	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	190	1.93	20.05	32.10
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	1,910	19.41	9.63	62.96
SALESPERSONS, RETAIL	370	3.76	28.98	19.75
STOCK CLERKS, SALES FLOOR	130	1.32	31.91	8.64
ALL OTHER SALES AND RELATED WORKERS	150	1.52	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4,130	41.85	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	260	2.64	16.62	39.51
CREDIT AUTHORIZERS	70	0.71	45.83	9.88
CREDIT CHECKERS	20	0.20	31.06	7.41
ADJUSTMENT CLERKS	40	0.40	24.58	9.88
BILL AND ACCOUNT COLLECTORS	50	0.50	31.26	9.88
SECRETARIES	460	4.67	14.97	53.09
RECEPTIONISTS AND INFORMATION CLERKS	100	1.01	24.44	23.46
TYPISTS	20	0.20	39.98	8.64
FILE CLERKS	20	0.20	24.98	9.88

SIC 502 FURNITURE AND HOME FURNISHINGS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	320	3.25	17.16	30.86
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	330	3.35	13.90	46.91
PAYROLL AND TIMEKEEPING CLERKS	20	0.20	29.52	7.41
BILLING, COST AND RATE CLERKS	120	1.21	28.13	17.28
GENERAL OFFICE CLERKS	370	3.76	18.74	38.27
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	270	2.72	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	50	0.50	33.19	13.58
DATA ENTRY KEYERS, EXCEPT COMPOSING	180	1.82	40.07	16.05
ALL OTHER OFFICE MACHINE OPERATORS	40	0.40	N.A.	N.A.
SWITCHBOARD OPERATORS	40	0.40	26.05	18.52
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	30	0.30	29.95	8.64
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,550	15.73	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	660	6.70	23.23	30.86
ORDER FILLERS, WHOLESALE AND RETAIL SALES	420	4.26	18.57	25.93
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	380	3.86	21.95	35.80
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	90	0.91	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	0.40	N.A.	N.A.
SERVICE OCCUPATIONS	70	0.70	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	0.60	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	60	0.60	24.98	17.28
ALL OTHER SERVICE WORKERS	10	0.10	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,460	14.78	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	60	0.60	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	40	0.40	42.86	6.17
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	60	0.60	N.A.	N.A.
MOTOR VEHICLE OPERATORS	440	4.46	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	90	0.91	21.54	17.28
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	350	3.55	23.46	35.80
MATERIAL MOVING EQUIPMENT OPERATORS	60	0.60	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	60	0.60	39.96	6.17
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	380	3.86	25.17	22.22

SIC 502 FURNITURE AND HOME FURNISHINGS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND.................	150	1.52	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS..	270	2.74	N.A.	N.A.

SIC 506 ELECTRICAL GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	35,430	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	3,600	10.13	N.A.	N.A.
FINANCIAL MANAGERS	40	0.11	32.29	14.29
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.05	35.37	8.93
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	770	2.17	23.99	26.79
ADMINISTRATIVE SERVICES MANAGERS	150	0.42	49.19	16.07
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	320	0.90	39.96	26.79
GENERAL MANAGERS AND TOP EXECUTIVES	1,950	5.50	14.17	82.14
ALL OTHER MANAGERS AND ADMINISTRATORS	350	0.98	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	3,220	9.03	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	220	0.62	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	670	1.89	30.65	26.79
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	30	0.08	29.76	7.14
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.05	36.09	7.14
ALL OTHER MANAGEMENT SUPPORT WORKERS	60	0.16	N.A.	N.A.
ENGINEERS	720	2.03	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	1,370	3.85	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	1,310	3.69	43.95	26.79
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	60	0.16	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	110	0.30	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	30	0.08	29.00	7.14
COMPUTER PROGRAMMERS	80	0.22	29.09	10.71
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.05	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	11,710	33.01	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	1,030	2.90	20.35	53.57
SALES ENGINEERS	870	2.45	36.50	16.07
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	3,230	9.11	26.65	41.07
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	3,310	9.34	22.96	50.00
SALESPERSONS, PARTS	850	2.39	36.48	23.21
STOCK CLERKS, SALES FLOOR	210	0.59	49.16	12.50

SIC 506 ELECTRICAL GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER SALES AND RELATED WORKERS	2,210	6.23	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	9,720	27.33	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	710	2.00	21.09	53.57
CREDIT CHECKERS	30	0.08	44.58	8.93
ADJUSTMENT CLERKS	140	0.39	43.30	16.07
SECRETARIES	950	2.68	23.14	53.57
RECEPTIONISTS AND INFORMATION CLERKS	630	1.77	30.92	37.50
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.02	39.65	8.93
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	520	1.46	31.47	28.57
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	980	2.76	20.80	55.36
PAYROLL AND TIMEKEEPING CLERKS	20	0.05	38.62	8.93
BILLING, COST AND RATE CLERKS	220	0.62	42.70	19.64
GENERAL OFFICE CLERKS	1,260	3.55	21.20	50.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	530	1.48	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	220	0.62	38.26	21.43
DATA ENTRY KEYERS, EXCEPT COMPOSING	190	0.53	43.32	10.71
ALL OTHER OFFICE MACHINE OPERATORS	120	0.33	N.A.	N.A.
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	20	0.05	40.62	10.71
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,770	7.80	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	1,320	3.72	27.20	37.50
ORDER FILLERS, WHOLESALE AND RETAIL SALES	260	0.73	40.68	19.64
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	1,090	3.07	31.13	44.64
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	100	0.28	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	930	2.62	N.A.	N.A.
SERVICE OCCUPATIONS	540	1.52	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,640	18.72	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	230	0.64	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	2,620	7.39	N.A.	N.A.
PRECISION PRODUCTION OCCUPATIONS	280	0.79	N.A.	N.A.
MOTOR VEHICLE OPERATORS	790	2.23	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	790	2.23	24.69	32.14
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	530	1.49	49.81	16.07

SIC 506 ELECTRICAL GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND.................	780	2.20	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS..	1,410	3.98	N.A.	N.A.

SIC 507 HARDWARE, PLUMBING & HEATING EQUIPMENT
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	21,970	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	2,560	11.62	N.A.	N.A.
FINANCIAL MANAGERS	40	0.18	36.01	15.38
PURCHASING MANAGERS	400	1.82	30.59	32.69
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	50	0.22	27.26	15.38
ADMINISTRATIVE SERVICES MANAGERS	20	0.09	46.89	7.69
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	180	0.81	42.12	19.23
GENERAL MANAGERS AND TOP EXECUTIVES	1,820	8.28	11.24	88.46
ALL OTHER MANAGERS AND ADMINISTRATORS	50	0.22	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	990	4.47	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	200	0.91	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	140	0.63	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	140	0.63	44.34	21.15
ENGINEERS	120	0.54	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	390	1.77	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	120	0.53	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	50	0.22	18.65	5.77
COMPUTER PROGRAMMERS	60	0.27	43.61	15.38
COMPUTER PROGRAMMER AIDES	10	0.04	27.80	9.62
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.09	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	6,150	27.96	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	900	4.09	22.91	40.38
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	2,550	11.61	15.48	55.77
SALESPERSONS, RETAIL	540	2.45	39.87	15.38
SALESPERSONS, PARTS	1,070	4.87	26.21	36.54
STOCK CLERKS, SALES FLOOR	360	1.63	41.21	17.31
NEWS AND STREET VENDORS, TELEPHONE SOLICITORS, DOOR-TO-DOOR SALES WORKERS, AND OTHER RELATED WORKERS	100	0.45	0.00	1.92
ALL OTHER SALES AND RELATED WORKERS	630	2.86	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	7,170	32.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	460	2.09	24.49	42.31
CREDIT AUTHORIZERS	20	0.09	34.60	7.69

SIC 507 HARDWARE, PLUMBING & HEATING EQUIPMENT
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CREDIT CHECKERS	10	0.04	42.64	7.69
ADJUSTMENT CLERKS	20	0.09	35.05	5.77
SECRETARIES	780	3.55	19.65	53.85
RECEPTIONISTS AND INFORMATION CLERKS	270	1.22	33.80	26.92
TYPISTS, WORD PROCESSING EQUIPMENT	20	0.09	48.96	5.77
FILE CLERKS	20	0.09	20.66	9.62
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	150	0.68	46.58	17.31
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	820	3.73	22.09	57.69
PAYROLL AND TIMEKEEPING CLERKS	20	0.09	46.49	11.54
BILLING, COST AND RATE CLERKS	260	1.18	44.09	19.23
GENERAL OFFICE CLERKS	940	4.28	26.88	44.23
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	370	1.67	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	160	0.72	35.78	19.23
ALL OTHER OFFICE MACHINE OPERATORS	210	0.95	N.A.	N.A.
SWITCHBOARD OPERATORS	60	0.27	27.56	17.31
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	10	0.04	42.61	5.77
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,790	12.68	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	1,270	5.78	29.65	42.31
ORDER FILLERS, WHOLESALE AND RETAIL SALES	860	3.91	45.89	23.08
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	590	2.68	38.21	34.62
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	70	0.31	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	150	0.68	N.A.	N.A.
SERVICE OCCUPATIONS	260	1.18	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	4,840	22.00	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	240	1.09	N.A.	N.A.
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	1,330	6.05	36.50	19.23
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	510	2.32	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,420	6.45	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	320	1.45	40.41	19.23
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	1,100	5.00	23.72	44.23
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	540	2.45	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND				

SIC 507   HARDWARE, PLUMBING & HEATING EQUIPMENT
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL HANDLING OCCUPATIONS	800	3.64	N.A.	N.A.

SIC 51 WHOLESALE TRADE-NONDURABLE GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	171,990	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	14,680	8.49	N.A.	N.A.
FINANCIAL MANAGERS	320	0.18	25.80	11.16
PURCHASING MANAGERS	1,700	0.98	17.99	20.49
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	870	0.50	15.28	12.69
ADMINISTRATIVE SERVICES MANAGERS	250	0.14	27.89	5.20
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	580	0.33	12.38	12.54
GENERAL MANAGERS AND TOP EXECUTIVES	9,940	5.77	7.32	70.80
ALL OTHER MANAGERS AND ADMINISTRATORS	1,020	0.59	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	7,510	4.29	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	2,370	1.36	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	2,250	1.30	32.08	23.24
ALL OTHER FINANCIAL SPECIALISTS	120	0.06	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	1,530	0.88	26.11	15.60
ALL OTHER MANAGEMENT SUPPORT WORKERS	770	0.44	N.A.	N.A.
ENGINEERS	290	0.16	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	260	0.15	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	80	0.04	37.98	0.76
COMPUTER SCIENTISTS AND RELATED WORKERS	630	0.36	N.A.	N.A.
COMPUTER PROGRAMMERS	590	0.34	21.39	9.94
COMPUTER PROGRAMMER AIDES	40	0.02	34.49	1.99
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	230	0.13	N.A.	N.A.
ARTISTS AND RELATED WORKERS	80	0.04	30.42	1.83
MERCHANDISE DISPLAYERS AND WINDOW TRIMMERS	150	0.08	19.68	2.14
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	1,120	0.65	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	44,510	25.81	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	5,520	3.20	10.06	37.61
SALES ENGINEERS	30	0.01	36.74	1.07
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	5,740	3.33	14.39	13.15
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	19,830	11.52	10.95	39.76
SALESPERSONS, RETAIL	4,350	2.52	26.01	8.10
STOCK CLERKS, SALES FLOOR	3,440	1.99	24.65	7.95

SIC 51 WHOLESALE TRADE-NONDURABLE GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CASHIERS	4,080	2.37	29.68	10.09
NEWS AND STREET VENDORS, TELEPHONE SOLICITORS, DOOR-TO-DOOR SALES WORKERS, AND OTHER RELATED WORKERS	910	0.52	49.77	0.46
ALL OTHER SALES AND RELATED WORKERS	610	0.35	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	41,100	23.74	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,830	1.64	10.04	39.91
CREDIT AUTHORIZERS	230	0.13	33.44	2.60
CREDIT CHECKERS	150	0.08	20.57	3.06
ADJUSTMENT CLERKS	380	0.22	20.94	5.50
BILL AND ACCOUNT COLLECTORS	60	0.03	31.37	2.45
SECRETARIES	5,290	3.07	12.22	44.19
RECEPTIONISTS AND INFORMATION CLERKS	790	0.45	14.53	19.27
TYPISTS	320	0.18	26.38	6.42
TYPISTS, WORD PROCESSING EQUIPMENT	230	0.13	35.58	4.28
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	130	0.07	29.92	6.73
CORRESPONDENCE CLERKS	50	0.02	47.20	1.38
FILE CLERKS	160	0.09	33.49	4.13
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	1,840	1.06	15.32	16.82
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	3,880	2.25	10.94	41.28
PAYROLL AND TIMEKEEPING CLERKS	140	0.08	19.00	7.65
BILLING, COST AND RATE CLERKS	930	0.54	22.98	11.16
GENERAL OFFICE CLERKS	6,240	3.62	12.88	39.14
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	3,230	1.85	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	1,040	0.60	39.09	7.03
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	910	0.52	19.19	17.89
PERIPHERAL EDP EQUIPMENT OPERATORS	110	0.06	38.70	2.45
DATA ENTRY KEYERS, EXCEPT COMPOSING	1,010	0.58	13.71	17.13
ALL OTHER OFFICE MACHINE OPERATORS	160	0.09	29.13	1.38
SWITCHBOARD OPERATORS	320	0.18	13.50	14.68
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	70	0.04	18.02	3.67
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	13,520	7.83	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	180	0.10	28.77	3.36
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	80	0.04	39.57	1.38
MARKING CLERKS	70	0.04	33.13	1.22
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	4,050	2.35	16.49	20.18
ORDER FILLERS, WHOLESALE AND RETAIL SALES	5,560	3.23	12.76	18.50
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	2,760	1.60	9.63	28.44

SIC 51 WHOLESALE TRADE-NONDURABLE GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	820	0.47	30.30	2.75
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	310	0.18	N.A.	N.A.
SERVICE OCCUPATIONS	2,990	1.72	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	140	0.08	45.73	2.60
GUARDS AND WATCH GUARDS	160	0.09	27.80	2.45
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	1,500	0.87	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	960	0.55	N.A.	N.A.
ALL OTHER SERVICE WORKERS	230	0.13	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	3,530	2.05	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	57,670	33.38	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	2,300	1.33	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	970	0.56	22.55	11.31
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	1,330	0.77	32.26	11.31
INSPECTORS AND RELATED OCCUPATIONS	330	0.19	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	140	0.08	41.59	1.68
MAINTENANCE REPAIRERS, GENERAL UTILITY	1,300	0.75	24.26	14.37
AUTOMOTIVE MECHANICS	490	0.28	42.19	5.96
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	710	0.41	34.61	5.50
MOBILE HEAVY EQUIPMENT MECHANICS, EXCEPT ENGINES	20	0.01	48.34	0.92
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	40	0.02	39.56	1.07
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	1,000	0.58	N.A.	N.A.
PRECISION PRODUCTION OCCUPATIONS	220	0.12	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	1,090	0.63	N.A.	N.A.
OTHER HAND WORKERS, NEC	390	0.21	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	100	0.05	42.34	0.76
ALL OTHER HAND WORKERS, NEC	290	0.16	N.A.	N.A.
MOTOR VEHICLE OPERATORS	30,590	17.76	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	12,330	7.16	16.73	23.39
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	11,780	6.84	9.98	28.75
DRIVER/SALES WORKERS	6,480	3.76	21.04	5.81

SIC 51 WHOLESALE TRADE-NONDURABLE GOODS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SERVICE STATION ATTENDANTS	1,370	0.79	35.71	1.83
ALL OTHER TRANSPORTATION AND RELATED WORKERS	220	0.12	43.62	1.53
MATERIAL MOVING EQUIPMENT OPERATORS	2,380	1.37	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	1,730	1.00	13.92	11.01
CONVEYOR OPERATORS AND TENDERS	580	0.33	31.33	3.36
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	70	0.04	48.14	0.92
HELPERS, MECHANIC AND REPAIRER	120	0.06	24.66	2.91
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	7,050	4.09	14.71	18.50
HAND PACKERS AND PACKAGERS	2,000	1.16	29.66	6.73
VEHICLE WASHERS AND EQUIPMENT CLEANERS	90	0.05	31.76	1.53
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	4,840	2.81	15.23	14.68
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	980	0.56	N.A.	N.A.

SIC 512 DRUGS, PROPRIETARIES, AND SUNDRIES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	10,630	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	620	5.79	N.A.	N.A.
FINANCIAL MANAGERS	20	0.18	12.32	5.43
PURCHASING MANAGERS	60	0.56	46.62	13.04
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	70	0.65	9.03	13.04
ADMINISTRATIVE SERVICES MANAGERS	40	0.37	4.90	5.43
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	20	0.18	14.99	11.96
GENERAL MANAGERS AND TOP EXECUTIVES	380	3.57	14.45	63.04
ALL OTHER MANAGERS AND ADMINISTRATORS	30	0.28	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	610	5.70	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	60	0.56	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	100	0.93	18.42	22.83
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.18	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	60	0.56	N.A.	N.A.
COMPUTER PROGRAMMERS	60	0.56	13.74	13.04
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	180	1.69	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	190	1.78	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	3,830	35.97	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	260	2.44	18.56	42.39
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	1,440	13.53	17.80	32.61
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	1,510	14.19	16.23	38.04
SALESPERSONS, RETAIL	490	4.60	18.20	10.87
STOCK CLERKS, SALES FLOOR	90	0.84	31.25	6.52
ALL OTHER SALES AND RELATED WORKERS	40	0.37	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,460	32.38	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	320	3.00	11.86	42.39
ADJUSTMENT CLERKS	80	0.75	13.85	8.70
SECRETARIES	300	2.81	9.45	47.83
RECEPTIONISTS AND INFORMATION CLERKS	100	0.93	24.26	21.74
TYPISTS	20	0.18	10.84	5.43

SIC 512 DRUGS, PROPRIETARIES, AND SUNDRIES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TYPISTS, WORD PROCESSING EQUIPMENT	20	0.18	26.48	6.52
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.18	8.72	7.61
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	170	1.59	16.21	21.74
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	200	1.87	12.50	39.13
PAYROLL AND TIMEKEEPING CLERKS	10	0.09	12.58	7.61
BILLING, COST AND RATE CLERKS	50	0.46	32.86	8.70
GENERAL OFFICE CLERKS	220	2.06	11.76	33.70
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	270	2.52	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	150	1.40	14.97	28.26
ALL OTHER OFFICE MACHINE OPERATORS	120	1.12	N.A.	N.A.
SWITCHBOARD OPERATORS	40	0.37	15.45	22.83
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	10	0.09	11.60	5.43
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,510	14.18	N.A.	N.A.
ORDER FILLERS, WHOLESALE AND RETAIL SALES	860	8.08	10.27	41.30
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	340	3.19	10.44	40.22
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	310	2.91	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	120	1.12	N.A.	N.A.
SERVICE OCCUPATIONS	200	1.87	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	0.37	N.A.	N.A.
ALL OTHER SERVICE WORKERS	160	1.50	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,910	17.90	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	80	0.74	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	30	0.28	49.08	8.70
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	50	0.46	23.37	9.78
MECHANICS, INSTALLERS, AND REPAIRERS	60	0.56	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,150	10.79	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	100	0.93	30.38	10.87
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	660	6.20	21.68	32.61
DRIVER/SALES WORKERS	390	3.66	29.23	4.35
MATERIAL MOVING EQUIPMENT OPERATORS	70	0.65	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	70	0.65	28.72	8.70

SIC 512 DRUGS, PROPRIETARIES, AND SUNDRIES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	280	2.63	20.26	17.39
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	140	1.31	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	130	1.22	N.A.	N.A.

SIC 514 GROCERIES AND RELATED PRODUCTS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	55,150	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	3,480	6.27	N.A.	N.A.
FINANCIAL MANAGERS	80	0.14	19.80	31.58
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	40	0.07	25.88	23.68
PURCHASING MANAGERS	280	0.50	37.50	31.58
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	400	0.72	27.88	32.89
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	220	0.39	14.39	27.63
GENERAL MANAGERS AND TOP EXECUTIVES	2,200	3.98	14.93	67.11
ALL OTHER MANAGERS AND ADMINISTRATORS	260	0.47	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,860	3.31	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	380	0.68	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	900	1.63	38.28	35.53
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	100	0.18	36.50	7.89
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.03	37.92	7.89
ALL OTHER MANAGEMENT SUPPORT WORKERS	110	0.19	N.A.	N.A.
ENGINEERS	20	0.03	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	260	0.45	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	30	0.05	24.47	10.53
COMPUTER PROGRAMMERS	220	0.39	35.92	15.79
COMPUTER PROGRAMMER AIDES	10	0.01	47.22	3.95
ARTISTS AND RELATED WORKERS	30	0.05	38.22	6.58
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	0.07	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	13,360	24.19	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	1,980	3.58	20.23	55.26
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	7,850	14.23	23.81	57.89
STOCK CLERKS, SALES FLOOR	860	1.55	45.32	13.16
CASHIERS	1,360	2.46	37.92	18.42
ALL OTHER SALES AND RELATED WORKERS	1,310	2.37	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	12,880	23.21	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	880	1.59	19.71	50.00
CREDIT AUTHORIZERS	40	0.07	45.92	6.58
CREDIT CHECKERS	10	0.01	48.31	6.58

SIC 514 GROCERIES AND RELATED PRODUCTS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ADJUSTMENT CLERKS	40	0.07	35.64	9.21
SECRETARIES	1,450	2.62	20.82	57.89
RECEPTIONISTS AND INFORMATION CLERKS	220	0.39	29.03	21.05
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	50	0.09	17.65	21.05
FILE CLERKS	60	0.10	40.84	10.53
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	600	1.08	37.02	23.68
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,080	1.95	19.39	52.63
PAYROLL AND TIMEKEEPING CLERKS	50	0.09	27.22	18.42
BILLING, COST AND RATE CLERKS	260	0.47	43.26	15.79
GENERAL OFFICE CLERKS	1,360	2.46	20.87	43.42
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	960	1.71	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	220	0.39	41.95	10.53
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	230	0.4[illegible]	34.90	27.63
DATA ENTRY KEYERS, EXCEPT COMPOSING	440	0.79	23.87	36.84
ALL OTHER OFFICE MACHINE OPERATORS	70	0.12	N.A.	N.A.
SWITCHBOARD OPERATORS	110	0.19	27.66	31.58
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	20	0.03	34.84	10.53
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	5,430	9.82	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	60	0.10	35.24	9.21
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	820	1.48	32.99	31.58
ORDER FILLERS, WHOLESALE AND RETAIL SALES	2,820	5.11	17.60	28.95
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	1,010	1.83	13.31	36.84
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	720	1.30	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	260	0.47	N.A.	N.A.
SERVICE OCCUPATIONS	1,640	2.95	N.A.	N.A.
GUARDS AND WATCH GUARDS	80	0.14	39.36	10.53
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	1,000	1.81	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	490	0.88	N.A.	N.A.
ALL OTHER SERVICE WORKERS	70	0.12	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	1,860	3.37	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20,070	36.30	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	870	1.57	N.A.	N.A.

SIC 514 GROCERIES AND RELATED PRODUCTS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MAINTENANCE REPAIRERS, GENERAL UTILITY	240	0.43	26.43	25.00
AUTOMOTIVE MECHANICS	190	0.34	42.14	14.47
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	250	0.45	18.50	19.74
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	30	0.05	47.97	6.58
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	380	0.68	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	450	0.81	N.A.	N.A.
MOTOR VEHICLE OPERATORS	11,350	20.56	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	3,750	6.79	13.38	43.42
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	4,320	7.83	18.37	42.11
DRIVER/SALES WORKERS	3,280	5.94	31.03	14.47
MATERIAL MOVING EQUIPMENT OPERATORS	1,030	1.86	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	1,030	1.86	21.88	21.05
HELPERS, MECHANIC AND REPAIRER	90	0.16	28.41	10.53
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	2,640	4.78	26.14	23.68
HAND PACKERS AND PACKAGERS	1,180	2.13	47.93	15.79
VEHICLE WASHERS AND EQUIPMENT CLEANERS	50	0.09	41.31	6.58
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	850	1.54	42.40	13.16
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	470	0.85	N.A.	N.A.

SIC 515 FARM-PRODUCT RAW MATERIALS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	10,590	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	730	6.86	N.A.	N.A.
PURCHASING MANAGERS	50	0.47	31.03	9.02
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	20	0.18	44.15	3.76
GENERAL MANAGERS AND TOP EXECUTIVES	620	5.84	9.60	70.68
ALL OTHER MANAGERS AND ADMINISTRATORS	40	0.37	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	380	3.56	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	150	1.41	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	120	1.13	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	120	1.13	23.82	20.30
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	10	0.09	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	40	0.37	N.A.	N.A.
COMPUTER PROGRAMMERS	40	0.37	32.01	6.02
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	60	0.56	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	490	4.60	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	90	0.84	30.57	9.77
SALESPERSONS, RETAIL	50	0.47	41.66	3.76
CASHIERS	190	1.79	23.91	10.53
ALL OTHER SALES AND RELATED WORKERS	160	1.50	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,540	23.87	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	200	1.88	17.31	38.35
SECRETARIES	220	2.07	18.50	29.32
RECEPTIONISTS AND INFORMATION CLERKS	80	0.75	31.81	13.53
TYPISTS	40	0.37	38.12	4.51
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	10	0.09	33.19	3.01
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	380	3.58	12.06	49.62
BILLING, COST AND RATE CLERKS	160	1.50	29.11	11.28
GENERAL OFFICE CLERKS	920	8.67	13.56	44.36
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	160	1.49	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	110	1.03	25.57	7.52
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	20	0.18	37.87	3.76
ALL OTHER OFFICE MACHINE OPERATORS	30	0.28	N.A.	N.A.

SIC 515 FARM-PRODUCT RAW MATERIALS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	340	3.19	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	160	1.50	40.24	4.51
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	150	1.41	31.51	15.79
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.28	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.28	N.A.	N.A.
SERVICE OCCUPATIONS	120	1.12	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	100	0.94	N.A.	N.A.
ALL OTHER SERVICE WORKERS	20	0.18	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	1,570	14.79	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	4,760	44.79	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	290	2.72	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	180	1.69	18.83	19.55
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	110	1.03	21.53	14.29
INSPECTORS AND RELATED OCCUPATIONS	40	0.37	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	290	2.73	23.53	23.31
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	20	0.18	N.A.	N.A.
PRECISION PRODUCTION OCCUPATIONS	50	0.47	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	120	1.13	N.A.	N.A.
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	100	0.94	N.A.	N.A.
MOTOR VEHICLE OPERATORS	500	4.70	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	320	3.01	22.92	19.55
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	180	1.69	26.84	11.28
MATERIAL MOVING EQUIPMENT OPERATORS	500	4.70	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	90	0.84	27.66	8.27
CONVEYOR OPERATORS AND TENDERS	410	3.86	28.67	12.78
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	400	3.77	23.32	12.78
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	2,410	22.71	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	0.37	N.A.	N.A.

SIC 516 CHEMICALS AND ALLIED PRODUCTS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	13,210	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,330	10.04	N.A.	N.A.
FINANCIAL MANAGERS	20	0.15	22.30	8.43
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.07	18.49	7.23
PURCHASING MANAGERS	130	0.98	39.87	16.87
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	170	1.28	22.84	14.46
ADMINISTRATIVE SERVICES MANAGERS	110	0.83	47.36	7.23
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	100	0.75	25.48	14.46
GENERAL MANAGERS AND TOP EXECUTIVES	720	5.45	11.65	66.27
ALL OTHER MANAGERS AND ADMINISTRATORS	70	0.53	29.87	6.02
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	680	5.12	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	130	0.98	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	120	0.90	41.28	10.84
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.30	N.A.	N.A.
ENGINEERS	60	0.45	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	180	1.36	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.15	N.A.	N.A.
COMPUTER PROGRAMMERS	20	0.15	41.32	7.23
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	130	0.98	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	5,080	38.47	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	390	2.95	19.16	34.94
SALES ENGINEERS	20	0.15	34.80	4.82
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	2,650	20.07	15.75	43.37
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	1,950	14.77	19.62	33.73
ALL OTHER SALES AND RELATED WORKERS	70	0.53	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,040	22.91	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	340	2.57	25.18	36.14
ADJUSTMENT CLERKS	50	0.37	27.19	6.02
SECRETARIES	580	4.39	13.13	51.81
RECEPTIONISTS AND INFORMATION CLERKS	100	0.75	32.17	19.28
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.07	28.40	7.23

SIC 516 CHEMICALS AND ALLIED PRODUCTS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	190	1.43	28.93	16.87
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	260	1.96	22.96	30.12
BILLING, COST AND RATE CLERKS	100	0.75	42.59	15.66
GENERAL OFFICE CLERKS	280	2.12	19.77	30.12
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	150	1.12	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	30	0.22	34.43	10.84
ALL OTHER OFFICE MACHINE OPERATORS	120	0.90	N.A.	N.A.
SWITCHBOARD OPERATORS	50	0.37	28.05	13.25
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	830	6.26	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	240	1.81	32.89	15.66
ORDER FILLERS, WHOLESALE AND RETAIL SALES	190	1.43	47.56	13.25
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	320	2.42	22.60	28.92
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	80	0.60	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	100	0.75	N.A.	N.A.
SERVICE OCCUPATIONS	140	1.06	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	70	0.53	N.A.	N.A.
ALL OTHER SERVICE WORKERS	70	0.53	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,940	22.24	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	250	1.89	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	130	0.98	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	70	0.53	49.68	4.82
MOTOR VEHICLE OPERATORS	1,260	9.53	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	850	6.43	18.06	32.53
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	410	3.10	30.14	19.28
MATERIAL MOVING EQUIPMENT OPERATORS	60	0.45	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	60	0.45	42.37	7.23
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	680	5.15	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	490	3.71	N.A.	N.A.

SIC 518 BEER, WINE, AND DISTILLED BEVERAGES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	12,770	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,070	8.33	N.A.	N.A.
FINANCIAL MANAGERS	40	0.31	14.62	27.87
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.15	23.45	11.48
PURCHASING MANAGERS	130	1.01	29.61	31.15
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	100	0.78	22.38	24.59
ADMINISTRATIVE SERVICES MANAGERS	20	0.15	32.90	9.84
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	80	0.62	34.41	26.23
GENERAL MANAGERS AND TOP EXECUTIVES	640	5.00	10.45	93.44
ALL OTHER MANAGERS AND ADMINISTRATORS	40	0.31	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	330	2.54	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	60	0.46	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	30	0.23	28.98	16.39
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.31	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	40	0.30	N.A.	N.A.
COMPUTER PROGRAMMERS	30	0.23	25.98	18.03
COMPUTER PROGRAMMER AIDES	10	0.07	40.77	4.92
MERCHANDISE DISPLAYERS AND WINDOW TRIMMERS	150	1.17	19.82	21.31
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.07	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	3,790	29.64	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	900	7.04	8.77	78.69
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	2,330	18.23	11.64	52.46
STOCK CLERKS, SALES FLOOR	100	0.78	36.19	16.39
CASHIERS	50	0.39	16.60	22.95
ALL OTHER SALES AND RELATED WORKERS	410	3.20	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,250	17.51	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	210	1.64	15.32	57.38
SECRETARIES	240	1.87	19.95	62.30
RECEPTIONISTS AND INFORMATION CLERKS	70	0.54	18.53	36.07
TYPISTS	60	0.46	27.20	14.75
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	100	0.78	28.74	19.67
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	180	1.40	21.20	42.62

SIC 518 BEER, WINE, AND DISTILLED BEVERAGES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PAYROLL AND TIMEKEEPING CLERKS	20	0.15	8.61	21.31
BILLING, COST AND RATE CLERKS	30	0.23	39.21	9.84
GENERAL OFFICE CLERKS	180	1.40	20.49	40.98
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	230	1.79	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	110	0.86	16.33	40.98
DATA ENTRY KEYERS, EXCEPT COMPOSING	100	0.78	15.29	31.15
ALL OTHER OFFICE MACHINE OPERATORS	20	0.15	N.A.	N.A.
SWITCHBOARD OPERATORS	30	0.23	22.26	18.03
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	850	6.63	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	20	0.15	31.72	9.84
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	480	3.75	23.46	26.23
ORDER FILLERS, WHOLESALE AND RETAIL SALES	90	0.70	38.31	6.56
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	260	2.03	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	0.39	N.A.	N.A.
SERVICE OCCUPATIONS	120	0.93	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	110	0.86	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.07	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	30	0.23	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	5,180	40.48	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	130	1.01	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	80	0.62	31.10	14.75
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	50	0.39	47.21	11.48
AUTOMOTIVE MECHANICS	80	0.62	17.66	26.23
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	40	0.31	23.22	16.39
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	50	0.39	N.A.	N.A.
MOTOR VEHICLE OPERATORS	3,330	26.04	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	690	5.39	19.07	44.26
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	1,740	13.61	12.32	57.38
DRIVER/SALES WORKERS	900	7.04	21.25	24.59
ALL OTHER TRANSPORTATION AND RELATED WORKERS	160	1.25	38.25	6.56

SIC 518 BEER, WINE, AND DISTILLED BEVERAGES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL MOVING EQUIPMENT OPERATORS	330	2.58	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	330	2.58	16.53	32.79
HELPERS, MECHANIC AND REPAIRER	20	0.15	32.75	8.20
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	740	5.79	18.11	34.43
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	260	2.03	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	0.31	N.A.	N.A.

SIC 52 BUILDING MATERIALS & GARDEN SUPPLIES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	55,460	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	6,640	11.95	N.A.	N.A.
FINANCIAL MANAGERS	50	0.09	38.03	5.78
PURCHASING MANAGERS	930	1.67	22.22	21.33
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	120	0.21	24.78	5.78
GENERAL MANAGERS AND TOP EXECUTIVES	4,990	8.99	7.32	77.33
ALL OTHER MANAGERS AND ADMINISTRATORS	550	0.99	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	830	1.47	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	150	0.27	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	420	0.75	31.34	8.89
ALL OTHER MANAGEMENT SUPPORT WORKERS	50	0.09	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	60	0.10	N.A.	N.A.
DESIGNERS, EXCEPT INTERIOR DESIGNERS	120	0.21	35.29	5.33
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.05	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	24,640	44.38	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	770	1.38	16.54	13.78
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	680	1.22	35.77	5.78
SALESPERSONS, RETAIL	16,140	29.09	5.83	73.78
COUNTER AND RENTAL CLERKS	380	0.68	46.25	5.33
STOCK CLERKS, SALES FLOOR	1,820	3.28	16.18	26.22
CASHIERS	4,220	7.60	9.87	33.78
ALL OTHER SALES AND RELATED WORKERS	630	1.13	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	9,170	16.47	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	330	0.59	19.15	8.00
SECRETARIES	1,380	2.48	15.51	32.44
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	90	0.16	31.60	2.67
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,860	3.35	12.87	41.78
PAYROLL AND TIMEKEEPING CLERKS	20	0.03	32.62	3.56
BILLING, COST AND RATE CLERKS	310	0.55	31.81	6.22
GENERAL OFFICE CLERKS	1,670	3.01	16.27	29.33
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	210	0.37	N.A.	N.A.

SIC 52   BUILDING MATERIALS & GARDEN SUPPLIES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	140	0.25	32.41	6.67
ALL OTHER OFFICE MACHINE OPERATORS	70	0.12	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	3,020	5.43	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	2,300	4.14	24.60	14.22
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	550	0.99	21.89	12.44
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	170	0.30	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	280	0.50	N.A.	N.A.
SERVICE OCCUPATIONS	820	1.46	N.A.	N.A.
GUARDS AND WATCH GUARDS	200	0.36	48.11	4.89
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	460	0.82	N.A.	N.A.
ALL OTHER SERVICE WORKERS	160	0.28	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	2,440	4.39	N.A.	N.A.
NURSERY WORKERS	1,130	2.09	16.22	17.78
GARDENERS AND GROUNDSKEEPERS, EXCEPT FARM	1,110	2.00	18.33	20.00
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	170	0.30	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10,920	19.61	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	590	1.06	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	350	0.63	28.13	9.78
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	240	0.43	36.64	6.67
MAINTENANCE REPAIRERS, GENERAL UTILITY	300	0.54	38.24	6.67
SMALL ENGINE SPECIALISTS	200	0.36	31.32	4.00
INSTALLERS AND REPAIRERS- MANUFACTURED BUILDINGS, MOBILE HOMES, AND TRAVEL TRAILERS	310	0.55	32.30	3.56
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	260	0.46	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	2,200	3.96	N.A.	N.A.
GLAZIERS	2,200	3.96	18.96	8.00
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	920	1.65	N.A.	N.A.
MOTOR VEHICLE OPERATORS	3,220	5.79	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	1,280	2.30	25.88	12.00
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	1,940	3.49	22.16	21.78

SIC 52 BUILDING MATERIALS & GARDEN SUPPLIES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL MOVING EQUIPMENT OPERATORS	870	1.56	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	870	1.56	36.70	5.78
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	920	1.65	37.25	4.89
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	650	1.17	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	480	0.86	N.A.	N.A.

SIC 525 HARDWARE STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	12,230	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,650	13.47	N.A.	N.A.
PURCHASING MANAGERS	310	2.53	37.27	30.30
GENERAL MANAGERS AND TOP EXECUTIVES	1,070	8.74	18.32	69.70
ALL OTHER MANAGERS AND ADMINISTRATORS	270	2.20	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	240	1.96	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	8,160	66.70	N.A.	N.A.
SALESPERSONS, RETAIL	5,470	44.72	6.72	96.97
STOCK CLERKS, SALES FLOOR	640	5.23	31.20	36.36
CASHIERS	1,920	15.69	10.84	63.64
ALL OTHER SALES AND RELATED WORKERS	130	1.06	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,500	12.25	N.A.	N.A.
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	300	2.45	32.43	39.39
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	460	3.75	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	260	2.12	23.63	30.30
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	200	1.63	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	740	6.05	N.A.	N.A.
SERVICE OCCUPATIONS	120	0.98	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	560	4.58	N.A.	N.A.
MOTOR VEHICLE OPERATORS	70	0.57	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	70	0.57	41.56	21.21
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	100	0.81	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	390	3.18	N.A.	N.A.

SIC 526 RETAIL NURSERIES AND GARDEN STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	7,340	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	880	11.96	N.A.	N.A.
PURCHASING MANAGERS	90	1.22	26.46	21.28
GENERAL MANAGERS AND TOP EXECUTIVES	760	10.34	7.32	74.47
ALL OTHER MANAGERS AND ADMINISTRATORS	30	0.40	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	210	2.83	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	40	0.54	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	40	0.54	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	40	0.54	30.81	12.77
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	0.40	N.A.	N.A.
DESIGNERS, EXCEPT INTERIOR DESIGNERS	80	1.08	25.70	11.70
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.27	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	2,750	37.37	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	60	0.81	26.03	8.51
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	120	1.63	42.67	4.26
SALESPERSONS, RETAIL	1,400	19.04	9.05	60.64
COUNTER AND RENTAL CLERKS	60	0.81	41.20	5.32
STOCK CLERKS, SALES FLOOR	510	6.93	16.32	29.79
CASHIERS	560	7.61	10.63	36.17
ALL OTHER SALES AND RELATED WORKERS	40	0.54	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	550	7.47	N.A.	N.A.
SECRETARIES	150	2.04	15.57	29.79
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	180	2.44	12.89	40.43
GENERAL OFFICE CLERKS	100	1.36	31.38	19.15
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.27	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	20	0.27	49.75	7.45
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	50	0.68	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	0.68	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.27	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	2,290	31.15	N.A.	N.A.

SIC 526 RETAIL NURSERIES AND GARDEN STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
NURSERY WORKERS	1,160	15.78	16.22	42.55
GARDENERS AND GROUNDSKEEPERS, EXCEPT FARM	960	13.06	13.24	41.49
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	170	2.31	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	640	8.69	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	40	0.54	N.A.	N.A.
SMALL ENGINE SPECIALISTS	200	2.72	31.32	9.57
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	70	0.95	N.A.	N.A.
MOTOR VEHICLE OPERATORS	60	0.81	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	60	0.81	34.73	8.51
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	170	2.31	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	100	1.36	N.A.	N.A.

SIC 53 GENERAL MERCHANDISE STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	154,390	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	9,440	6.06	N.A.	N.A.
FINANCIAL MANAGERS	260	0.16	19.05	12.02
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	480	0.31	24.94	15.88
PURCHASING MANAGERS	780	0.50	26.29	16.31
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	1,000	0.64	10.25	18.45
ADMINISTRATIVE SERVICES MANAGERS	40	0.02	17.85	4.29
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	230	0.14	13.33	15.88
FOOD SERVICE AND LODGING MANAGERS	240	0.15	18.79	11.16
GENERAL MANAGERS AND TOP EXECUTIVES	4,350	2.81	4.73	91.42
ALL OTHER MANAGERS AND ADMINISTRATORS	2,060	1.33	14.59	21.46
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	4,730	3.01	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	260	0.16	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	1,670	1.08	15.06	13.73
ALL OTHER MANAGEMENT SUPPORT WORKERS	940	0.60	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	70	0.04	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	70	0.04	19.61	3.00
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	450	0.29	N.A.	N.A.
ARTISTS AND RELATED WORKERS	30	0.01	25.43	2.58
DESIGNERS, EXCEPT INTERIOR DESIGNERS	70	0.04	28.58	7.30
MERCHANDISE DISPLAYERS AND WINDOW TRIMMERS	600	0.38	13.46	23.18
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	640	0.41	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	98,230	63.57	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	6,010	3.89	6.35	55.36
SALESPERSONS, RETAIL	57,780	37.40	2.37	85.84
STOCK CLERKS, SALES FLOOR	14,330	9.27	10.42	58.80
CASHIERS	16,220	10.50	7.53	65.24
DEMONSTRATORS, PROMOTERS, AND MODELS	250	0.16	18.71	7.73
ALL OTHER SALES AND RELATED WORKERS	3,640	2.35	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	23,140	14.90	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,540	0.99	11.54	41.20
CREDIT AUTHORIZERS	110	0.07	17.79	4.72

SIC 53 GENERAL MERCHANDISE STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ADJUSTMENT CLERKS	2,150	1.39	10.70	25.32
SECRETARIES	740	0.47	11.90	20.17
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	480	0.31	14.99	15.45
CORRESPONDENCE CLERKS	70	0.04	24.25	3.00
FILE CLERKS	40	0.02	20.31	3.86
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	1,360	0.88	11.01	21.03
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,690	1.09	10.09	38.63
PAYROLL AND TIMEKEEPING CLERKS	340	0.22	13.65	18.88
GENERAL OFFICE CLERKS	2,710	1.75	7.61	48.50
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	690	0.44	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	390	0.25	12.75	14.16
ALL OTHER OFFICE MACHINE OPERATORS	300	0.19	N.A.	N.A.
SWITCHBOARD OPERATORS	500	0.32	12.92	19.31
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	80	0.05	42.44	4.72
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	8,920	5.75	N.A.	N.A.
MARKING CLERKS	2,630	1.70	10.28	37.77
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	3,500	2.26	8.17	39.91
ORDER FILLERS, WHOLESALE AND RETAIL SALES	40	0.02	25.41	2.58
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	1,780	1.15	11.37	33.05
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	970	0.62	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	1,720	1.11	N.A.	N.A.
SERVICE OCCUPATIONS	8,090	5.15	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	330	0.21	16.66	16.31
DETECTIVES AND INVESTIGATORS, EXCEPT PUBLIC	670	0.43	11.87	18.88
GUARDS AND WATCH GUARDS	490	0.31	13.97	14.16
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	2,610	1.65	N.A.	N.A.
WAITERS AND WAITRESSES	380	0.24	19.68	6.01
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	800	0.51	14.68	18.45
BUTCHERS AND MEAT CUTTERS	50	0.03	41.82	2.58
COOKS, RESTAURANT	90	0.05	22.02	3.43
COOKS, SHORT ORDER	360	0.23	22.91	6.44
FOOD PREPARATION WORKERS	120	0.07	18.13	3.86
COMBINED FOOD PREPARATION AND SERVICE WORKERS	310	0.20	36.99	3.86
ALL OTHER FOOD SERVICE WORKERS	500	0.32	N.A.	N.A.
HEALTH SERVICE AND RELATED WORKERS	200	0.12	N.A.	N.A.
PHARMACY ASSISTANTS	200	0.12	24.99	7.73
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE				

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
HOUSEHOLDS	2,120	1.36	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	2,060	1.33	6.28	48.50
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	0.03	N.A.	N.A.
HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS	1,650	1.06	25.00	9.44
ALL OTHER SERVICE WORKERS	20	0.01	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10,760	6.89	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	460	0.29	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	280	0.18	11.47	18.45
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	180	0.11	16.35	6.87
MAINTENANCE REPAIRERS, GENERAL UTILITY	680	0.44	19.60	15.02
AUTOMOTIVE MECHANICS	740	0.47	16.51	15.45
TIRE REPAIRERS AND CHANGERS	880	0.56	18.89	12.45
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	2,460	1.59	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	40	0.02	N.A.	N.A.
CARPENTERS	40	0.02	32.18	1.72
PRECISION PRODUCTION OCCUPATIONS	500	0.32	N.A.	N.A.
PRECISION WOODWORKERS	20	0.01	N.A.	N.A.
FURNITURE FINISHERS	20	0.01	23.10	3.43
MOTOR VEHICLE OPERATORS	700	0.44	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	270	0.17	15.04	9.01
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	430	0.27	15.91	13.73
SERVICE STATION ATTENDANTS	30	0.01	31.09	2.58
MATERIAL MOVING EQUIPMENT OPERATORS	200	0.12	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	200	0.12	15.31	4.72
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	3,230	2.09	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	820	0.53	N.A.	N.A.

SIC 531 DEPARTMENT STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	135,700	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	7,730	5.66	N.A.	N.A.
FINANCIAL MANAGERS	260	0.19	19.39	23.85
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	480	0.35	25.04	33.03
PURCHASING MANAGERS	730	0.53	28.03	24.77
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	1,000	0.73	10.27	38.53
ADMINISTRATIVE SERVICES MANAGERS	30	0.02	17.28	8.26
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	220	0.16	14.11	30.28
FOOD SERVICE AND LODGING MANAGERS	240	0.17	18.79	23.85
GENERAL MANAGERS AND TOP EXECUTIVES	2,720	2.00	6.84	97.25
ALL OTHER MANAGERS AND ADMINISTRATORS	2,050	1.51	14.63	44.04
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	4,500	3.28	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	240	0.17	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	1,480	1.09	16.69	12.84
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	370	0.27	12.08	44.04
ALL OTHER MANAGEMENT SUPPORT WORKERS	570	0.42	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	210	0.15	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	70	0.05	20.10	5.50
COMPUTER PROGRAMMERS	140	0.10	22.22	4.59
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	450	0.33	N.A.	N.A.
ARTISTS AND RELATED WORKERS	30	0.02	25.43	5.50
DESIGNERS, EXCEPT INTERIOR DESIGNERS	70	0.05	28.58	15.60
MERCHANDISE DISPLAYERS AND WINDOW TRIMMERS	580	0.42	13.82	44.04
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	500	0.36	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	84,790	62.46	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	5,000	3.68	7.24	74.31
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	60	0.04	42.23	1.83
SALESPERSONS, RETAIL	49,020	36.13	2.63	92.66
SALESPERSONS, PARTS	190	0.14	26.05	6.42
COUNTER AND RENTAL CLERKS	780	0.57	35.68	3.67
STOCK CLERKS, SALES FLOOR	12,630	9.31	11.60	84.40
CASHIERS	14,250	10.50	8.49	76.15
NEWS AND STREET VENDORS, TELEPHONE SOLICITORS, DOOR-TO-DOOR SALES				

SIC 531 DEPARTMENT STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
WORKERS, AND OTHER RELATED WORKERS	700	0.51	17.13	17.43
DEMONSTRATORS, PROMOTERS, AND MODELS	250	0.18	18.71	16.51
ALL OTHER SALES AND RELATED WORKERS	1,910	1.40	14.17	48.62
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	21,160	15.49	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,410	1.03	12.36	72.48
CREDIT AUTHORIZERS	110	0.08	17.79	10.09
CREDIT CHECKERS	140	0.10	35.62	5.50
ADJUSTMENT CLERKS	2,100	1.54	10.93	46.79
BILL AND ACCOUNT COLLECTORS	300	0.22	22.67	11.93
SECRETARIES	630	0.46	13.16	30.28
RECEPTIONISTS AND INFORMATION CLERKS	170	0.12	26.92	13.76
TYPISTS	30	0.02	18.91	7.34
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	480	0.35	15.05	32.11
FILE CLERKS	20	0.01	28.09	5.50
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	1,290	0.95	11.53	38.53
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,450	1.06	11.15	58.72
PAYROLL AND TIMEKEEPING CLERKS	320	0.23	14.75	34.86
GENERAL OFFICE CLERKS	2,350	1.73	8.52	66.06
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	670	0.48	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	100	0.07	39.28	5.50
DATA ENTRY KEYERS, EXCEPT COMPOSING	390	0.28	12.87	29.36
ALL OTHER OFFICE MACHINE OPERATORS	180	0.13	N.A.	N.A.
SWITCHBOARD OPERATORS	500	0.36	13.10	38.53
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	70	0.05	48.10	7.34
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	7,980	5.86	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	600	0.44	16.15	19.27
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	180	0.13	31.85	3.67
MARKING CLERKS	2,200	1.62	11.97	53.21
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	3,280	2.41	8.60	65.14
ORDER FILLERS, WHOLESALE AND RETAIL SALES	20	0.01	16.11	4.59
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	1,520	1.12	12.93	49.54
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	180	0.13	18.57	7.34
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	1,140	0.84	N.A.	N.A.
SERVICE OCCUPATIONS	7,250	5.28	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	310	0.22	17.34	33.03

SIC 531 DEPARTMENT STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
DETECTIVES AND INVESTIGATORS, EXCEPT PUBLIC	650	0.47	12.19	36.70
GUARDS AND WATCH GUARDS	480	0.35	14.15	28.44
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	2,190	1.59	N.A.	N.A.
WAITERS AND WAITRESSES	220	0.16	23.76	6.42
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	640	0.47	16.26	31.19
COOKS, RESTAURANT	80	0.05	22.88	6.42
COOKS, SHORT ORDER	330	0.24	24.50	9.17
FOOD PREPARATION WORKERS	110	0.08	18.61	6.42
ALL OTHER FOOD SERVICE WORKERS	810	0.59	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	1,760	1.29	N.A.	N.A.
HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS	1,650	1.21	25.00	20.18
ALL OTHER SERVICE WORKERS	210	0.15	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10,270	7.46	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	460	0.33	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	280	0.20	11.47	39.45
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	180	0.13	16.66	13.76
INSPECTORS AND RELATED OCCUPATIONS	160	0.11	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	90	0.06	25.84	4.59
MAINTENANCE REPAIRERS, GENERAL UTILITY	660	0.48	20.33	27.52
AUTOMOTIVE MECHANICS	740	0.54	16.58	32.11
ELECTRIC HOME APPLIANCE AND POWER TOOL REPAIRERS	1,210	0.89	15.75	17.43
WATCHMAKERS	90	0.06	44.80	3.67
BICYCLE REPAIRERS	60	0.04	31.28	7.34
TIRE REPAIRERS AND CHANGERS	880	0.64	18.89	26.61
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	1,090	0.80	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	60	0.04	N.A.	N.A.
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	60	0.04	39.11	1.83
PRECISION PRODUCTION OCCUPATIONS	490	0.36	N.A.	N.A.
PRECISION WOODWORKERS	20	0.01	N.A.	N.A.
FURNITURE FINISHERS	20	0.01	23.10	7.34
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	200	0.14	N.A.	N.A.
SERVICE STATION ATTENDANTS	30	0.02	31.09	5.50

SIC 531 DEPARTMENT STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL MOVING EQUIPMENT OPERATORS..	170	0.12	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS................................	170	0.12	17.61	8.26
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND..................................	1,590	1.17	13.30	33.03
HAND PACKERS AND PACKAGERS..	130	0.09	30.06	7.34
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND...................	1,260	0.92	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS..	880	0.64	N.A.	N.A.

SIC 533 VARIETY STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	13,140	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,090	8.27	N.A.	N.A.
PURCHASING MANAGERS	20	0.15	37.81	10.17
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	10	0.07	23.01	6.78
GENERAL MANAGERS AND TOP EXECUTIVES	1,040	7.90	6.08	93.22
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.15	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	80	0.60	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	60	0.45	25.30	10.17
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.15	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	9,590	72.85	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	780	5.92	11.93	61.02
SALESPERSONS, RETAIL	6,380	48.48	6.19	93.22
STOCK CLERKS, SALES FLOOR	1,100	8.35	22.46	40.68
CASHIERS	1,330	10.10	9.34	61.02
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,360	10.28	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	100	0.75	32.33	20.34
ADJUSTMENT CLERKS	40	0.30	34.22	11.86
SECRETARIES	70	0.53	30.71	11.86
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	70	0.53	41.20	10.17
PAYROLL AND TIMEKEEPING CLERKS	30	0.22	23.92	10.17
GENERAL OFFICE CLERKS	270	2.05	12.09	49.15
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	670	5.07	N.A.	N.A.
MARKING CLERKS	380	2.88	14.12	40.68
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	70	0.53	44.74	13.56
ORDER FILLERS, WHOLESALE AND RETAIL SALES	20	0.15	42.79	1.69
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	200	1.51	15.26	32.20
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	110	0.83	N.A.	N.A.
SERVICE OCCUPATIONS	730	5.53	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	300	2.27	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	300	2.27	12.98	45.76

SIC 533   VARIETY STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER SERVICE WORKERS	430	3.26	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	290	2.18	N.A.	N.A.
MOTOR VEHICLE OPERATORS	60	0.45	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	60	0.45	26.08	6.78
MATERIAL MOVING EQUIPMENT OPERATORS	30	0.22	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	30	0.22	26.52	3.39
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	200	1.51	N.A.	N.A.

SIC 54 FOOD STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	221,950	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	19,520	8.76	N.A.	N.A.
FINANCIAL MANAGERS	210	0.09	18.79	5.63
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	220	0.09	16.94	5.90
PURCHASING MANAGERS	1,190	0.53	40.51	12.87
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	190	0.08	42.41	5.09
GENERAL MANAGERS AND TOP EXECUTIVES	13,820	6.22	9.14	65.95
ALL OTHER MANAGERS AND ADMINISTRATORS	3,890	1.75	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	3,190	1.39	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	490	0.21	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	450	0.20	28.19	10.46
ALL OTHER FINANCIAL SPECIALISTS	40	0.01	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	450	0.20	23.07	5.09
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	120	0.05	24.55	4.02
ALL OTHER MANAGEMENT SUPPORT WORKERS	280	0.12	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	130	0.05	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	70	0.03	17.04	1.88
COMPUTER PROGRAMMERS	60	0.02	15.57	3.22
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	1,320	0.59	N.A.	N.A.
WRITERS AND EDITORS	50	0.02	33.71	1.61
ARTISTS AND RELATED WORKERS	70	0.03	18.87	2.14
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	280	0.12	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	118,190	53.20	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	7,500	3.37	13.59	18.50
SALESPERSONS, RETAIL	12,140	5.46	16.45	38.07
COUNTER AND RENTAL CLERKS	2,330	1.04	21.94	2.68
STOCK CLERKS, SALES FLOOR	33,930	15.28	8.72	27.08
CASHIERS	59,560	26.83	5.27	46.65
ALL OTHER SALES AND RELATED WORKERS	2,730	1.22	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	21,180	9.44	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	690	0.31	18.89	10.46
ADJUSTMENT CLERKS	140	0.06	35.82	1.61
BILL AND ACCOUNT COLLECTORS	80	0.03	29.56	2.95

SIC 54 FOOD STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SECRETARIES	910	0.40	16.57	13.40
RECEPTIONISTS AND INFORMATION CLERKS	240	0.10	48.19	5.63
TYPISTS	20	0.00	26.77	1.34
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	450	0.20	49.46	2.95
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	2,690	1.21	17.18	22.79
PAYROLL AND TIMEKEEPING CLERKS	280	0.12	23.73	5.63
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	600	0.25	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	130	0.05	14.61	3.49
DATA ENTRY KEYERS, EXCEPT COMPOSING	150	0.06	14.26	2.68
ALL OTHER OFFICE MACHINE OPERATORS	320	0.14	N.A.	N.A.
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	50	0.02	38.45	2.41
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	5,970	2.66	N.A.	N.A.
MARKING CLERKS	710	0.31	26.43	3.22
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	3,290	1.48	49.77	4.83
ORDER FILLERS, WHOLESALE AND RETAIL SALES	250	0.11	27.01	1.07
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	660	0.29	15.23	6.97
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	1,060	0.47	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	9,060	4.08	N.A.	N.A.
SERVICE OCCUPATIONS	26,240	11.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	960	0.43	18.62	4.83
GUARDS AND WATCH GUARDS	580	0.26	20.06	5.36
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	23,020	10.34	N.A.	N.A.
WAITERS AND WAITRESSES	300	0.13	26.61	5.09
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	4,020	1.81	23.62	23.86
BAKERS, BREAD AND PASTRY	3,240	1.45	14.39	45.31
BUTCHERS AND MEAT CUTTERS	8,820	3.97	14.53	24.66
FOOD PREPARATION WORKERS	4,380	1.97	20.49	15.28
COMBINED FOOD PREPARATION AND SERVICE WORKERS	520	0.23	39.99	5.90
ALL OTHER FOOD SERVICE WORKERS	1,740	0.78	N.A.	N.A.
HEALTH SERVICE AND RELATED WORKERS	310	0.13	N.A.	N.A.
PHARMACY ASSISTANTS	310	0.13	27.89	3.49
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	1,180	0.53	N.A.	N.A.
HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS	160	0.07	30.05	3.22
ALL OTHER SERVICE WORKERS	30	0.01	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	10	0.00	N.A.	N.A.

SIC 54 FOOD STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	33,620	15.03	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	190	0.08	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	90	0.04	13.75	2.95
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	100	0.04	19.89	2.68
MACHINERY MAINTENANCE MECHANICS	240	0.10	21.84	2.68
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	140	0.06	16.25	1.61
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	100	0.04	14.74	1.61
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	910	0.40	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	230	0.09	N.A.	N.A.
CARPENTERS	170	0.07	37.37	1.34
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	60	0.02	25.02	0.80
PRECISION PRODUCTION OCCUPATIONS	380	0.17	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	990	0.43	N.A.	N.A.
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	870	0.39	25.57	2.68
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	0.01	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	80	0.03	17.68	1.88
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	80	0.03	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,890	0.83	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	1,240	0.55	12.30	4.02
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	530	0.23	17.14	8.04
DRIVER/SALES WORKERS	120	0.05	33.25	3.75
MATERIAL MOVING EQUIPMENT OPERATORS	360	0.16	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	360	0.16	15.03	1.88
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	25,190	11.34	8.61	13.40
HAND PACKERS AND PACKAGERS	1,720	0.77	26.20	5.63
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,070	0.48	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	130	0.05	N.A.	N.A.

SIC 541 GROCERY STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	208,180	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	18,180	8.71	N.A.	N.A.
FINANCIAL MANAGERS	210	0.10	18.79	21.43
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	220	0.10	16.94	22.45
PURCHASING MANAGERS	1,050	0.50	45.96	22.45
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	180	0.08	44.00	17.35
FOOD SERVICE AND LODGING MANAGERS	340	0.16	28.21	11.22
GENERAL MANAGERS AND TOP EXECUTIVES	12,640	6.07	9.98	88.78
ALL OTHER MANAGERS AND ADMINISTRATORS	3,540	1.70	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	3,080	1.41	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	440	0.20	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	400	0.19	31.23	23.47
ALL OTHER FINANCIAL SPECIALISTS	40	0.01	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	420	0.20	24.37	13.27
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	120	0.05	24.55	15.31
ALL OTHER MANAGEMENT SUPPORT WORKERS	270	0.12	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.00	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	130	0.05	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	70	0.03	17.04	7.14
COMPUTER PROGRAMMERS	60	0.02	16.08	11.22
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	1,320	0.63	N.A.	N.A.
WRITERS AND EDITORS	50	0.02	33.71	6.12
ARTISTS AND RELATED WORKERS	60	0.02	18.64	7.14
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	250	0.12	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	113,130	54.31	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	7,380	3.54	13.81	55.10
SALESPERSONS, RETAIL	9,340	4.48	21.16	33.67
COUNTER AND RENTAL CLERKS	2,320	1.11	22.03	9.18
STOCK CLERKS, SALES FLOOR	33,380	16.03	8.86	74.49
CASHIERS	57,980	27.84	5.40	81.63
ALL OTHER SALES AND RELATED WORKERS	2,730	1.31	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20,500	9.76	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	680	0.32	19.22	36.73

SIC 541 GROCERY STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ADJUSTMENT CLERKS	140	0.06	35.82	6.12
BILL AND ACCOUNT COLLECTORS	80	0.03	29.56	11.22
SECRETARIES	820	0.39	18.11	32.65
STENOGRAPHERS	40	0.01	22.55	4.08
RECEPTIONISTS AND INFORMATION CLERKS	240	0.11	48.19	21.43
TYPISTS	20	0.00	26.77	5.10
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	450	0.21	49.46	11.22
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	2,440	1.17	18.87	41.84
PAYROLL AND TIMEKEEPING CLERKS	280	0.13	23.82	20.41
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	600	0.28	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	130	0.06	14.61	13.27
DATA ENTRY KEYERS, EXCEPT COMPOSING	150	0.07	14.26	10.20
ALL OTHER OFFICE MACHINE OPERATORS	320	0.15	N.A.	N.A.
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	50	0.02	38.45	9.18
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	5,760	2.76	N.A.	N.A.
MARKING CLERKS	710	0.34	26.43	12.24
ORDER FILLERS, WHOLESALE AND RETAIL SALES	250	0.12	27.01	4.08
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	530	0.25	14.32	17.35
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	4,270	2.05	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	8,900	4.27	N.A.	N.A.
SERVICE OCCUPATIONS	20,700	9.87	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	930	0.44	19.10	14.29
DETECTIVES AND INVESTIGATORS, EXCEPT PUBLIC	30	0.01	32.52	9.18
GUARDS AND WATCH GUARDS	580	0.27	20.06	20.41
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	17,740	8.49	N.A.	N.A.
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	2,820	1.35	33.10	30.61
BAKERS, BREAD AND PASTRY	1,470	0.70	30.80	26.53
BUTCHERS AND MEAT CUTTERS	7,970	3.82	16.02	59.18
FOOD PREPARATION WORKERS	3,930	1.88	22.70	19.39
ALL OTHER FOOD SERVICE WORKERS	1,550	0.74	N.A.	N.A.
HEALTH SERVICE AND RELATED WORKERS	310	0.14	N.A.	N.A.
PHARMACY ASSISTANTS	310	0.14	27.89	13.27
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	950	0.45	N.A.	N.A.
HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS	160	0.07	30.05	12.24
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	10	0.00	N.A.	N.A.

SIC 541 GROCERY STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	32,580	15.54	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	180	0.08	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	90	0.04	13.75	11.22
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	90	0.04	20.22	7.14
MACHINERY MAINTENANCE MECHANICS	240	0.11	21.84	10.20
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	140	0.06	16.25	6.12
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	100	0.04	14.74	6.12
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	860	0.41	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	230	0.10	N.A.	N.A.
CARPENTERS	170	0.08	37.37	5.10
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	60	0.02	25.02	3.06
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	960	0.44	N.A.	N.A.
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	870	0.41	25.57	10.20
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.00	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	70	0.03	15.22	6.12
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	60	0.02	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,340	0.63	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	1,160	0.55	12.10	10.20
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	180	0.08	35.89	7.14
SERVICE STATION ATTENDANTS	90	0.04	34.58	5.10
MATERIAL MOVING EQUIPMENT OPERATORS	360	0.17	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	360	0.17	15.03	7.14
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	25,150	12.08	8.63	46.94
HAND PACKERS AND PACKAGERS	1,480	0.71	29.93	5.10
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,040	0.49	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	350	0.16	N.A.	N.A.

SIC 546 RETAIL BAKERIES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	6,440	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	530	8.22	N.A.	N.A.
PURCHASING MANAGERS	40	0.62	27.19	7.45
GENERAL MANAGERS AND TOP EXECUTIVES	480	7.45	7.24	53.42
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.15	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	10	0.15	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.15	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	10	0.15	35.53	3.73
SALES AND RELATED OCCUPATIONS	1,680	26.06	N.A.	N.A.
SALESPERSONS, RETAIL	810	12.57	15.82	26.09
STOCK CLERKS, SALES FLOOR	90	1.39	42.44	4.35
CASHIERS	770	11.95	15.27	31.68
ALL OTHER SALES AND RELATED WORKERS	10	0.15	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	140	2.17	N.A.	N.A.
SECRETARIES	40	0.62	35.61	5.59
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	60	0.93	23.53	9.94
GENERAL OFFICE CLERKS	20	0.31	38.97	3.11
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	20	0.31	N.A.	N.A.
SERVICE OCCUPATIONS	3,810	59.11	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	30	0.46	41.82	2.48
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	3,670	56.95	N.A.	N.A.
WAITERS AND WAITRESSES	230	3.57	30.63	9.32
DINING ROOM AND CAFETERIA ATTENDANTS, AND BARTENDER HELPERS	60	0.93	34.68	3.73
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	990	15.37	13.48	30.43
BAKERS, BREAD AND PASTRY	1,740	27.01	5.98	86.96
COOKS, SHORT ORDER	90	1.39	27.15	8.70
FOOD PREPARATION WORKERS	300	4.65	21.48	18.63
COMBINED FOOD PREPARATION AND SERVICE WORKERS	240	3.72	28.40	7.45
ALL OTHER FOOD SERVICE WORKERS	20	0.31	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	110	1.70	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	110	1.70	16.73	16.77
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	270	4.17	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	10	0.15	40.22	3.11

SIC 546 RETAIL BAKERIES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION PRODUCTION OCCUPATIONS	70	1.08	29.75	7.45
MOTOR VEHICLE OPERATORS	110	1.70	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	40	0.62	30.12	5.59
DRIVER/SALES WORKERS	70	1.08	33.97	6.21
HAND PACKERS AND PACKAGERS	40	0.62	33.40	4.97
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	0.62	N.A.	N.A.

SIC 549 MISCELLANEOUS FOOD STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,620	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	250	15.33	N.A.	N.A.
GENERAL MANAGERS AND TOP EXECUTIVES	240	14.72	9.34	83.33
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.61	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	10	0.61	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,070	65.62	N.A.	N.A.
SALESPERSONS, RETAIL	550	33.74	16.24	66.67
STOCK CLERKS, SALES FLOOR	160	9.81	39.34	30.00
CASHIERS	340	20.85	19.41	56.67
ALL OTHER SALES AND RELATED WORKERS	20	1.22	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50	3.06	N.A.	N.A.
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	30	1.84	36.46	16.67
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	20	1.22	N.A.	N.A.
SERVICE OCCUPATIONS	190	11.65	N.A.	N.A.
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	190	11.65	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	50	3.06	N.A.	N.A.
MOTOR VEHICLE OPERATORS	20	1.22	N.A.	N.A.
DRIVER/SALES WORKERS	20	1.22	20.41	3.33
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	1.84	N.A.	N.A.

SIC 55   AUTOMOTIVE DEALERS & SERVICE STATIONS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	143,570	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	12,780	8.87	N.A.	N.A.
FINANCIAL MANAGERS	290	0.20	21.61	10.04
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	3,010	2.09	18.78	29.37
ADMINISTRATIVE SERVICES MANAGERS	110	0.07	36.65	3.35
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	40	0.02	37.36	3.35
GENERAL MANAGERS AND TOP EXECUTIVES	8,360	5.82	11.19	75.84
ALL OTHER MANAGERS AND ADMINISTRATORS	970	0.67	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,240	0.85	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	1,050	0.73	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	20	0.01	23.53	2.97
ALL OTHER MANAGEMENT SUPPORT WORKERS	50	0.03	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	120	0.08	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	51,450	35.80	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	1,590	1.10	18.71	11.15
SALESPERSONS, RETAIL	19,040	13.26	7.11	60.59
SALESPERSONS, PARTS	11,920	8.30	17.84	51.30
COUNTER AND RENTAL CLERKS	180	0.12	47.75	4.46
STOCK CLERKS, SALES FLOOR	600	0.41	30.05	5.58
CASHIERS	17,14C	11.93	18.23	27.88
ALL OTHER SALES AND RELATED WORKERS	980	0.68	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	18,470	12.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,180	1.51	16.91	28.62
CREDIT AUTHORIZERS	110	0.07	38.38	3.35
BILL AND ACCOUNT COLLECTORS	80	0.05	34.91	3.72
SECRETARIES	2,290	1.59	17.35	42.01
RECEPTIONISTS AND INFORMATION CLERKS	130	0.09	35.57	6.32
FILE CLERKS	220	0.15	33.09	6.69
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	5,430	3.78	12.37	47.96
PAYROLL AND TIMEKEEPING CLERKS	120	0.08	26.96	7.43
BILLING, COST AND RATE CLERKS	720	0.50	33.26	8.92
GENERAL OFFICE CLERKS	3,470	2.41	17.14	30.11
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE				

SIC 55 AUTOMOTIVE DEALERS & SERVICE STATIONS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
OPERATORS	330	0.21	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	100	0.06	37.24	5.58
DATA ENTRY KEYERS, EXCEPT COMPOSING	160	0.11	32.36	4.09
ALL OTHER OFFICE MACHINE OPERATORS	70	0.04	N.A.	N.A.
SWITCHBOARD OPERATORS	420	0.29	19.39	8.18
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,210	1.52	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	860	0.59	27.30	13.01
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	1,250	0.87	30.67	12.27
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	100	0.06	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	760	0.52	N.A.	N.A.
SERVICE OCCUPATIONS	3,010	2.08	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	1,780	1.23	N.A.	N.A.
ALL OTHER SERVICE WORKERS	1,230	0.85	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	56,620	39.33	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	4,830	3.36	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	750	0.52	36.84	10.04
AUTOMOTIVE MECHANICS	16,680	11.61	8.16	35.32
AUTOMOTIVE BODY AND RELATED REPAIRERS	3,500	2.43	12.97	17.10
MOTORCYCLE REPAIRERS	500	0.34	17.56	11.90
AIRCRAFT MECHANICS	120	0.08	9.97	7.43
SMALL ENGINE SPECIALISTS	590	0.41	15.82	10.78
TIRE REPAIRERS AND CHANGERS	2,870	1.99	40.12	5.95
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	1,850	1.28	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	220	0.15	35.91	3.35
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	90	0.06	N.A.	N.A.
MOTOR VEHICLE OPERATORS	2,530	1.75	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	540	0.37	37.57	4.83
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	1,990	1.38	33.53	12.27
SERVICE STATION ATTENDANTS	12,070	8.40	23.49	10.41
ALL OTHER TRANSPORTATION AND RELATED WORKERS	820	0.57	35.05	7.43
HELPERS, MECHANIC AND REPAIRER	2,960	2.06	16.89	25.65
VEHICLE WASHERS AND EQUIPMENT CLEANERS	3,630	2.52	12.24	26.77
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,550	1.07	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND				

SIC 55 AUTOMOTIVE DEALERS & SERVICE STATIONS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL HANDLING OCCUPATIONS	1,060	0.73	N.A.	N.A.

SIC 551 NEW AND USED CAR DEALERS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	63,190	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	4,960	7.82	N.A.	N.A.
FINANCIAL MANAGERS	250	0.39	21.82	34.69
PURCHASING MANAGERS	60	0.09	49.24	6.12
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	1,670	2.64	21.79	48.98
ADMINISTRATIVE SERVICES MANAGERS	100	0.15	40.82	12.24
GENERAL MANAGERS AND TOP EXECUTIVES	2,340	3.70	13.42	91.84
ALL OTHER MANAGERS AND ADMINISTRATORS	540	0.85	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	320	0.49	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	0.04	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	260	0.41	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.04	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	19,400	30.65	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	690	1.09	29.17	30.61
SALESPERSONS, RETAIL	12,310	19.47	7.18	89.80
SALESPERSONS, PARTS	3,660	5.78	8.35	91.84
COUNTER AND RENTAL CLERKS	180	0.28	48.02	22.45
STOCK CLERKS, SALES FLOOR	520	0.82	34.72	22.45
CASHIERS	1,200	1.89	13.99	73.47
ALL OTHER SALES AND RELATED WORKERS	840	1.32	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	9,890	15.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,400	2.21	16.07	69.39
CREDIT AUTHORIZERS	110	0.17	39.45	14.29
BILL AND ACCOUNT COLLECTORS	60	0.09	41.82	14.29
SECRETARIES	970	1.53	21.67	61.22
RECEPTIONISTS AND INFORMATION CLERKS	110	0.17	42.61	12.24
FILE CLERKS	210	0.33	34.57	30.61
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	2,420	3.82	12.78	77.55
PAYROLL AND TIMEKEEPING CLERKS	110	0.17	29.52	28.57
BILLING, COST AND RATE CLERKS	500	0.79	36.00	22.45
GENERAL OFFICE CLERKS	1,500	2.37	20.20	59.18
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	270	0.41	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	60	0.09	49.16	8.16

SIC 551 NEW AND USED CAR DEALERS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	80	0.12	46.98	14.29
DATA ENTRY KEYERS, EXCEPT COMPOSING	130	0.20	36.80	14.29
SWITCHBOARD OPERATORS	410	0.64	19.72	34.69
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,120	1.76	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	680	1.07	25.53	48.98
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	440	0.69	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	700	1.10	N.A.	N.A.
SERVICE OCCUPATIONS	2,050	3.23	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	1,450	2.29	N.A.	N.A.
ALL OTHER SERVICE WORKERS	600	0.94	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	26,570	41.97	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	2,680	4.23	N.A.	N.A.
INSPECTORS AND RELATED OCCUPATIONS	160	0.25	N.A.	N.A.
AUTOMOTIVE MECHANICS	11,640	18.41	5.43	95.92
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	4,280	6.77	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	220	0.34	36.53	16.33
MOTOR VEHICLE OPERATORS	580	0.91	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	580	0.91	26.66	34.69
ALL OTHER TRANSPORTATION AND RELATED WORKERS	660	1.04	38.85	18.37
HELPERS, MECHANIC AND REPAIRER	2,020	3.19	18.46	65.31
VEHICLE WASHERS AND EQUIPMENT CLEANERS	2,790	4.41	14.58	63.27
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	890	1.40	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	650	1.02	N.A.	N.A.

SIC 552 USED CAR DEALERS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	4,650	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	700	14.94	N.A.	N.A.
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	150	3.20	34.33	25.81
GENERAL MANAGERS AND TOP EXECUTIVES	540	11.53	19.32	54.84
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.21	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	100	2.12	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	80	1.70	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	80	1.70	47.76	19.35
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.42	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,460	31.19	N.A.	N.A.
SALESPERSONS, RETAIL	1,370	29.27	12.49	83.87
ALL OTHER SALES AND RELATED WORKERS	90	1.92	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	820	17.50	N.A.	N.A.
SECRETARIES	320	6.83	29.52	35.48
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	210	4.48	36.16	32.26
GENERAL OFFICE CLERKS	170	3.63	39.18	22.58
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	120	2.56	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,570	33.52	N.A.	N.A.
AUTOMOTIVE MECHANICS	580	12.39	20.38	58.06
AUTOMOTIVE BODY AND RELATED REPAIRERS	110	2.35	43.05	19.35
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	50	1.06	N.A.	N.A.
VEHICLE WASHERS AND EQUIPMENT CLEANERS	570	12.17	15.71	61.29
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	120	2.56	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	140	2.99	N.A.	N.A.

SIC 553 AUTO AND HOME SUPPLY STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	32,690	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	4,010	12.25	N.A.	N.A.
FINANCIAL MANAGERS	10	0.03	24.48	15.63
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.06	30.11	9.38
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	930	2.84	45.03	37.50
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	20	0.06	12.50	12.50
GENERAL MANAGERS AND TOP EXECUTIVES	2,800	8.56	27.35	75.00
ALL OTHER MANAGERS AND ADMINISTRATORS	230	0.70	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	580	1.77	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.06	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	560	1.71	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	12,180	37.22	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	680	2.07	29.24	28.13
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	100	0.30	38.54	12.50
SALESPERSONS, RETAIL	4,360	13.33	22.46	50.00
SALESPERSONS, PARTS	6,720	20.55	29.37	50.00
STOCK CLERKS, SALES FLOOR	80	0.24	13.16	9.38
ALL OTHER SALES AND RELATED WORKERS	240	0.73	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4,610	14.07	N.A.	N.A.
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,330	4.06	35.58	43.75
GENERAL OFFICE CLERKS	1,400	4.28	35.66	46.88
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	30	0.09	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	930	2.83	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	770	2.35	47.22	25.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	160	0.48	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	920	2.81	N.A.	N.A.
SERVICE OCCUPATIONS	170	0.51	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	40	0.12	25.69	6.25
ALL OTHER SERVICE WORKERS	130	0.39	N.A.	N.A.

SIC 553 AUTO AND HOME SUPPLY STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	11,140	34.03	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,130	3.45	N.A.	N.A.
AUTOMOTIVE MECHANICS	3,660	11.19	28.35	50.00
TIRE REPAIRERS AND CHANGERS	2,740	8.37	42.01	34.38
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	880	2.69	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,500	4.58	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	220	0.67	23.88	9.38
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	1,280	3.91	49.58	25.00
MATERIAL MOVING EQUIPMENT OPERATORS	50	0.15	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	50	0.15	34.44	9.38
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	390	1.19	10.04	15.63
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	440	1.34	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	350	1.07	N.A.	N.A.

SIC 556 RECREATION & UTILITY TRAILER DEALERS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,630	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	280	17.27	N.A.	N.A.
GENERAL MANAGERS AND TOP EXECUTIVES	230	14.19	10.93	92.59
ALL OTHER MANAGERS AND ADMINISTRATORS	50	3.08	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20	1,23	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	360	22.21	N.A.	N.A.
SALESPERSONS, RETAIL	250	15.43	17.48	81.48
SALESPERSONS, PARTS	80	4.93	24.08	51.85
ALL OTHER SALES AND RELATED WORKERS	30	1.85	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	240	14.79	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	30	1.85	39.37	25.93
SECRETARIES	80	4.93	23.01	51.85
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	3.08	32.59	37.04
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	20	1.23	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	3.70	N.A.	N.A.
SERVICE OCCUPATIONS	40	2.46	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	2.46	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	40	2.46	41.73	22.22
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	690	42.57	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	60	3.70	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	60	3.70	33.01	37.04
AUTOMOTIVE MECHANICS	140	8.64	37.99	29.63
INSTALLERS AND REPAIRERS- MANUFACTURED BUILDINGS, MOBILE HOMES, AND TRAVEL TRAILERS	300	18.51	20.09	55.56
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	80	4.93	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	110	6.79	N.A.	N.A.

SIC 56 APPAREL AND ACCESSORY STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	84,400	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	9,120	10.78	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.02	18.32	3.13
PURCHASING MANAGERS	550	0.65	22.52	15.63
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	80	0.09	32.95	4.26
ADMINISTRATIVE SERVICES MANAGERS	20	0.02	28.00	2.27
GENERAL MANAGERS AND TOP EXECUTIVES	7,990	9.46	11.51	72.44
ALL OTHER MANAGERS AND ADMINISTRATORS	460	0.54	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,380	1.62	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	240	0.28	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	620	0.73	46.69	11.36
ALL OTHER MANAGEMENT SUPPORT WORKERS	120	0.14	N.A.	N.A.
MERCHANDISE DISPLAYERS AND WINDOW TRIMMERS	290	0.34	36.96	9.09
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	110	0.13	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	62,500	74.04	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	4,420	5.23	30.10	30.97
SALESPERSONS, RETAIL	44,730	53.00	7.26	89.49
COUNTER AND RENTAL CLERKS	340	0.40	42.11	3.41
STOCK CLERKS, SALES FLOOR	5,370	6.36	28.46	29.55
CASHIERS	5,470	6.48	20.10	31.53
ALL OTHER SALES AND RELATED WORKERS	2,170	2.57	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	6,560	7.66	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	610	0.72	27.31	16.76
ADJUSTMENT CLERKS	50	0.05	41.29	3.41
BILL AND ACCOUNT COLLECTORS	120	0.14	34.46	5.11
SECRETARIES	780	0.92	32.86	20.17
RECEPTIONISTS AND INFORMATION CLERKS	20	0.02	36.25	2.84
TYPISTS	20	0.02	43.76	1.42
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	40	0.04	37.21	3.41
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	40	0.04	41.91	2.27
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,170	1.38	27.31	24.43
PAYROLL AND TIMEKEEPING CLERKS	30	0.03	49.05	4.26
BILLING, COST AND RATE CLERKS	50	0.05	29.75	1.42
GENERAL OFFICE CLERKS	970	1.14	27.16	16.19

SIC 56 APPAREL AND ACCESSORY STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	270	0.30	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	90	0.10	46.96	4.83
DATA ENTRY KEYERS, EXCEPT COMPOSING	160	0.18	35.86	4.26
ALL OTHER OFFICE MACHINE OPERATORS	20	0.02	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,950	2.29	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	750	0.88	32.40	10.51
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	560	0.66	23.37	13.92
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	640	0.75	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	440	0.52	N.A.	N.A.
SERVICE OCCUPATIONS	1,040	1.22	N.A.	N.A.
DETECTIVES AND INVESTIGATORS, EXCEPT PUBLIC	30	0.03	35.67	2.27
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	720	0.85	N.A.	N.A.
ALL OTHER SERVICE WORKERS	290	0.34	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,800	4.47	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	80	0.09	25.29	3.69
PRECISION PRODUCTION OCCUPATIONS	2,640	3.12	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	640	0.75	N.A.	N.A.
MOTOR VEHICLE OPERATORS	60	0.07	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	60	0.07	27.92	5.11
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	100	0.11	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	280	0.33	N.A.	N.A.

SIC 563 WOMEN'S ACCESSORY AND SPECIALTY STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,470	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	210	14.17	N.A.	N.A.
PURCHASING MANAGERS	30	2.02	32.59	20.00
GENERAL MANAGERS AND TOP EXECUTIVES	170	11.48	12.74	62.50
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.67	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	30	2.02	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	1.35	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.67	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	920	62.14	N.A.	N.A.
SALESPERSONS, RETAIL	820	55.40	9.66	85.00
STOCK CLERKS, SALES FLOOR	30	2.02	49.48	7.50
ALL OTHER SALES AND RELATED WORKERS	70	4.72	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	270	18.21	N.A.	N.A.
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	3.37	21.27	35.00
GENERAL OFFICE CLERKS	30	2.02	28.13	15.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	110	7.42	N.A.	N.A.
MARKING CLERKS	20	1.35	19.90	5.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	50	3.37	32.60	15.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	2.70	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	80	5.40	N.A.	N.A.
SERVICE OCCUPATIONS	20	1.35	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	1.35	N.A.	N.A.

SIC 565 FAMILY CLOTHING STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	25,220	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,920	7.55	N.A.	N.A.
FINANCIAL MANAGERS	60	0.23	29.53	13.11
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.03	27.24	11.48
PURCHASING MANAGERS	120	0.47	35.45	21.31
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	60	0.23	35.40	14.75
ADMINISTRATIVE SERVICES MANAGERS	20	0.07	30.99	8.20
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	20	0.07	27.67	8.20
GENERAL MANAGERS AND TOP EXECUTIVES	1,590	6.30	8.92	90.16
ALL OTHER MANAGERS AND ADMINISTRATORS	40	0.15	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	420	1.62	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	50	0.19	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	50	0.19	33.79	14.75
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	190	0.75	41.15	16.39
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	10	0.03	24.55	8.20
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.07	N.A.	N.A.
COMPUTER PROGRAMMERS	20	0.07	41.82	4.92
MERCHANDISE DISPLAYERS AND WINDOW TRIMMERS	110	0.43	24.53	21.31
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	0.15	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	18,910	74.96	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	400	1.58	28.88	21.31
SALESPERSONS, RETAIL	13,960	55.35	3.88	93.44
STOCK CLERKS, SALES FLOOR	1,320	5.23	13.18	57.38
CASHIERS	2,100	8.32	10.57	75.41
ALL OTHER SALES AND RELATED WORKERS	1,130	4.48	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,760	10.85	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	160	0.63	35.64	27.87
CREDIT AUTHORIZERS	110	0.43	38.51	11.48
SECRETARIES	210	0.83	24.03	36.07
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.07	24.87	9.84
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	350	1.38	24.52	34.43
PAYROLL AND TIMEKEEPING CLERKS	20	0.07	26.08	9.84
GENERAL OFFICE CLERKS	420	1.66	21.92	27.87

SIC 565 FAMILY CLOTHING STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	120	0.46	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	70	0.27	37.25	11.48
ALL OTHER OFFICE MACHINE OPERATORS	50	0.19	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.03	42.20	6.56
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,070	4.22	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	380	1.50	20.50	19.67
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	290	1.14	21.49	34.43
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	400	1.58	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	270	1.07	N.A.	N.A.
SERVICE OCCUPATIONS	560	2.17	N.A.	N.A.
DETECTIVES AND INVESTIGATORS, EXCEPT PUBLIC	20	0.07	45.12	6.56
GUARDS AND WATCH GUARDS	30	0.11	29.29	9.84
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	30	0.11	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	370	1.45	N.A.	N.A.
MAIDS AND HOUSEKEEPING CLEANERS	20	0.07	39.26	4.92
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	350	1.38	17.80	40.98
ALL OTHER SERVICE WORKERS	110	0.43	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	650	2.53	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	30	0.11	38.12	6.56
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	480	1.90	N.A.	N.A.
CUSTOM TAILORS AND SEWERS	480	1.90	30.43	29.51
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	30	0.11	N.A.	N.A.
MOTOR VEHICLE OPERATORS	20	0.07	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	20	0.07	36.35	8.20
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	40	0.15	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	50	0.19	N.A.	N.A.

SIC 57   FURNITURE AND HOME FURNISHINGS STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	53,890	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	7,600	14.09	N.A.	N.A.
PURCHASING MANAGERS	870	1.61	37.79	22.73
GENERAL MANAGERS AND TOP EXECUTIVES	5,750	10.67	17.57	79.55
ALL OTHER MANAGERS AND ADMINISTRATORS	980	1.81	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	2,960	5.48	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	600	1.11	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	760	1.41	37.38	19.32
ALL OTHER MANAGEMENT SUPPORT WORKERS	90	0.16	N.A.	N.A.
INTERIOR DESIGNERS	820	1.52	44.11	9.09
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	690	1.28	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	18,270	33.91	N.A.	N.A.
SALESPERSONS, RETAIL	14,120	26.22	13.07	75.00
STOCK CLERKS, SALES FLOOR	1,720	3.19	47.63	17.05
CASHIERS	900	1.67	39.08	25.00
DEMONSTRATORS, PROMOTERS, AND MODELS	380	0.70	49.09	7.95
ALL OTHER SALES AND RELATED WORKERS	1,150	2.13	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	11,040	20.44	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,780	3.30	23.98	37.50
ADJUSTMENT CLERKS	180	0.33	32.93	7.95
BILL AND ACCOUNT COLLECTORS	460	0.85	42.66	18.18
SECRETARIES	1,320	2.45	30.73	32.95
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	100	0.18	40.53	5.68
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,610	2.98	21.94	44.32
GENERAL OFFICE CLERKS	1,950	3.62	27.49	32.95
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	360	0.66	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,970	3.64	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	1,270	2.35	27.87	23.86
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	700	1.29	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	1,310	2.43	N.A.	N.A.
SERVICE OCCUPATIONS	560	1.03	N.A.	N.A.

SIC 57 FURNITURE AND HOME FURNISHINGS STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	440	0.81	N.A.	N.A.
ALL OTHER SERVICE WORKERS	120	0.22	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	10	0.01	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	13,450	24.94	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	840	1.55	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	250	0.46	46.78	7.95
ELECTRONIC HOME ENTERTAINMENT EQUIPMENT REPAIRERS	2,550	4.73	39.15	21.59
ELECTRIC HOME APPLIANCE AND POWER TOOL REPAIRERS	620	1.15	32.59	21.59
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	820	1.52	N.A.	N.A.
PRECISION PRODUCTION OCCUPATIONS	60	0.11	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	1,040	1.93	N.A.	N.A.
MOTOR VEHICLE OPERATORS	2,300	4.27	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	2,300	4.27	28.71	32.95
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	1,930	3.58	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,040	5.64	N.A.	N.A.

SIC 572 HOUSEHOLD APPLIANCE STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	5,240	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	510	9.69	N.A.	N.A.
GENERAL MANAGERS AND TOP EXECUTIVES	390	7.41	15.03	75.00
ALL OTHER MANAGERS AND ADMINISTRATORS	120	2.28	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	120	2.28	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	50	0.95	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	1.33	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	2,190	41.62	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	120	2.28	37.97	21.88
SALESPERSONS, RETAIL	1,410	26.80	17.68	68.75
COUNTER AND RENTAL CLERKS	20	0.38	0.00	3.13
STOCK CLERKS, SALES FLOOR	80	1.52	34.21	9.38
CASHIERS	230	4.37	20.46	40.63
ALL OTHER SALES AND RELATED WORKERS	330	6.27	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	810	15.39	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	80	1.52	46.60	28.13
SECRETARIES	140	2.66	35.03	31.25
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	10	0.19	0.00	3.13
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	200	3.80	24.91	40.63
GENERAL OFFICE CLERKS	130	2.47	30.74	25.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	40	0.76	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	110	2.09	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	100	1.90	N.A.	N.A.
SERVICE OCCUPATIONS	30	0.57	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	0.57	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	30	0.57	38.39	15.63
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,580	30.02	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION,				

SIC 572 HOUSEHOLD APPLIANCE STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	110	2.09	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	110	2.09	29.45	31.25
ELECTRONIC HOME ENTERTAINMENT EQUIPMENT REPAIRERS	130	2.47	34.00	18.75
ELECTRIC HOME APPLIANCE AND POWER TOOL REPAIRERS	520	9.88	23.88	50.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	240	4.56	N.A.	N.A.
MOTOR VEHICLE OPERATORS	330	6.27	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	20	0.38	0.00	3.13
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	310	5.89	29.86	31.25
MATERIAL MOVING EQUIPMENT OPERATORS	20	0.38	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	20	0.38	0.00	3.13
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	60	1.14	27.02	12.50
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	170	3.23	N.A.	N.A.

SIC 59 MISCELLANEOUS RETAIL
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	144,530	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	13,950	9.62	N.A.	N.A.
PURCHASING MANAGERS	1,770	1.22	30.88	17.53
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	300	0.20	25.63	7.18
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	400	0.27	29.37	5.46
FOOD SERVICE AND LODGING MANAGERS	20	0.01	29.23	2.01
GENERAL MANAGERS AND TOP EXECUTIVES	9,920	6.86	7.28	68.39
ALL OTHER MANAGERS AND ADMINISTRATORS	1,540	1.06	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	11,850	8.13	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	1,700	1.16	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	1,550	1.07	25.56	13.51
BUDGET ANALYSTS	40	0.02	10.62	2.01
ALL OTHER FINANCIAL SPECIALISTS	110	0.07	19.26	1.44
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	1,280	0.88	28.40	12.07
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	20	0.01	0.00	1.44
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	140	0.09	5.91	2.87
ALL OTHER MANAGEMENT SUPPORT WORKERS	50	0.03	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	420	0.28	N.A.	N.A.
COMPUTER PROGRAMMERS	370	0.25	36.55	4.60
COMPUTER PROGRAMMER AIDES	50	0.03	12.49	2.59
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	5,330	3.68	N.A.	N.A.
WRITERS AND EDITORS	60	0.04	37.06	2.30
PHOTOGRAPHERS	50	0.03	40.94	2.59
ARTISTS AND RELATED WORKERS	80	0.05	26.28	2.30
DESIGNERS, EXCEPT INTERIOR DESIGNERS	1,850	1.28	40.00	4.89
MERCHANDISE DISPLAYERS AND WINDOW TRIMMERS	30	0.02	20.35	1.44
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	840	0.58	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	72,760	50.33	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	6,330	4.38	14.14	32.76
SALESPERSONS, RETAIL	45,790	31.69	7.52	55.46
STOCK CLERKS, SALES FLOOR	7,790	5.39	19.68	25.57
CASHIERS	10,630	7.35	19.07	31.32
NEWS AND STREET VENDORS, TELEPHONE SOLICITORS, DOOR-TO-DOOR SALES				

SIC 59 MISCELLANEOUS RETAIL
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
WORKERS, AND OTHER RELATED WORKERS	690	0.47	29.95	5.46
ALL OTHER SALES AND RELATED WORKERS	1,530	1.05	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	22,260	15.28	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	690	0.47	26.54	11.21
CREDIT AUTHORIZERS	60	0.04	12.22	2.01
CREDIT CHECKERS	110	0.07	22.61	1.72
BILL AND ACCOUNT COLLECTORS	350	0.24	17.66	3.16
SECRETARIES	1,920	1.32	17.06	26.15
RECEPTIONISTS AND INFORMATION CLERKS	210	0.14	38.31	5.17
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	70	0.04	10.74	3.45
CORRESPONDENCE CLERKS	20	0.01	16.65	1.15
FILE CLERKS	100	0.06	10.96	2.01
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	1,670	1.15	15.84	10.06
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	4,220	2.92	15.57	32.47
PAYROLL AND TIMEKEEPING CLERKS	170	0.11	23.64	5.46
GENERAL OFFICE CLERKS	5,650	3.91	17.05	29.02
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	1,020	0.68	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	40	0.02	25.20	1.15
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	340	0.23	42.71	5.75
DATA ENTRY KEYERS, EXCEPT COMPOSING	490	0.33	5.75	5.46
ALL OTHER OFFICE MACHINE OPERATORS	150	0.10	N.A.	N.A.
SWITCHBOARD OPERATORS	60	0.04	29.93	4.02
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	130	0.08	20.12	4.02
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	4,160	2.86	N.A.	N.A.
MARKING CLERKS	110	0.07	23.27	2.30
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	2,080	1.43	20.66	17.24
ORDER FILLERS, WHOLESALE AND RETAIL SALES	1,130	0.78	28.60	7.47
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	680	0.47	17.43	10.92
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	160	0.11	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	1,650	1.14	N.A.	N.A.
SERVICE OCCUPATIONS	2,950	2.00	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	50	0.03	46.25	2.59
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	1,060	0.71	N.A.	N.A.
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	180	0.12	21.78	4.60
FOOD PREPARATION WORKERS	230	0.15	25.67	3.74

SIC 59 MISCELLANEOUS RETAIL
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER FOOD SERVICE WORKERS	650	0.44	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	610	0.41	N.A.	N.A.
MAIDS AND HOUSEKEEPING CLEANERS	20	0.01	40.35	1.15
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	590	0.40	32.65	10.63
ALL OTHER SERVICE WORKERS	1,230	0.85	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	2,940	2.03	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	17,820	12.25	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	520	0.35	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	1,620	1.12	35.77	10.06
COIN AND VENDING MACHINE SERVICERS AND REPAIRERS	470	0.32	38.22	4.89
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	3,930	2.71	N.A.	N.A.
PRECISION METAL WORKERS	710	0.49	N.A.	N.A.
JEWELERS AND SILVERSMITHS	710	0.49	46.67	2.87
PRECISION WORKERS, NEC	230	0.15	N.A.	N.A.
ALL OTHER PRECISION WORKERS, NEC	230	0.15	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	170	0.11	N.A.	N.A.
MOTOR VEHICLE OPERATORS	5,750	3.96	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	930	0.64	22.68	4.31
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	3,090	2.13	21.98	18.10
DRIVER/SALES WORKERS	1,730	1.19	19.54	10.34
MATERIAL MOVING EQUIPMENT OPERATORS	60	0.04	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	60	0.04	33.64	1.44
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	820	0.56	25.28	5.46
HAND PACKERS AND PACKAGERS	110	0.07	48.15	0.86
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	640	0.44	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,790	1.93	N.A.	N.A.

SIC 592 LIQUOR STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	7,030	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	820	11.65	N.A.	N.A.
PURCHASING MANAGERS	50	0.71	27.71	15.91
GENERAL MANAGERS AND TOP EXECUTIVES	750	10.66	10.44	67.05
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.28	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	200	2.83	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	130	1.84	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	60	0.85	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	60	0.85	29.68	15.91
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.14	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	4,630	65.84	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	140	1.99	29.58	18.18
SALESPERSONS, RETAIL	2,070	29.44	11.65	46.59
STOCK CLERKS, SALES FLOOR	1,040	14.79	18.90	45.45
CASHIERS	1,350	19.20	16.10	46.59
ALL OTHER SALES AND RELATED WORKERS	30	0.42	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	900	12.75	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10	0.14	36.48	3.41
SECRETARIES	70	0.99	35.83	14.77
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	100	1.42	49.23	7.95
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	220	3.12	18.01	34.09
BILLING, COST AND RATE CLERKS	30	0.42	35.88	7.95
GENERAL OFFICE CLERKS	140	1.99	24.36	21.59
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.28	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	290	4.11	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	130	1.84	32.05	12.50
ORDER FILLERS, WHOLESALE AND RETAIL SALES	140	1.99	36.04	4.55
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	20	0.28	48.12	5.68
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	20	0.28	N.A.	N.A.
SERVICE OCCUPATIONS	190	2.70	N.A.	N.A.

SIC 592 LIQUOR STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	290	4.11	N.A.	N.A.
MOTOR VEHICLE OPERATORS	160	2.27	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	160	2.27	28.41	13.64
MATERIAL MOVING EQUIPMENT OPERATORS	20	0.28	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	20	0.28	41.72	2.27
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	110	1.56	N.A.	N.A.

SIC 594 MISCELLANEOUS SHOPPING GOODS STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	56,010	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	5,850	10.41	N.A.	N.A.
FINANCIAL MANAGERS	90	0.16	15.12	19.61
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	70	0.12	18.97	15.69
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	50	0.08	10.19	13.73
ADMINISTRATIVE SERVICES MANAGERS	60	0.10	26.82	7.84
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	70	0.12	32.91	13.73
GENERAL MANAGERS AND TOP EXECUTIVES	4,450	7.94	12.80	82.35
ALL OTHER MANAGERS AND ADMINISTRATORS	1,060	1.89	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	2,270	4.00	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	760	1.35	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	650	1.16	31.37	31.37
ALL OTHER FINANCIAL SPECIALISTS	110	0.19	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	640	1.14	40.12	27.45
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	100	0.17	7.28	5.88
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.07	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.03	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	440	0.78	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	90	0.16	0.00	5.88
COMPUTER PROGRAMMERS	310	0.55	43.11	11.76
COMPUTER PROGRAMMER AIDES	40	0.07	12.98	9.80
WRITERS AND EDITORS	30	0.05	22.22	9.80
PHOTOGRAPHERS	20	0.03	21.41	13.73
ARTISTS AND RELATED WORKERS	50	0.08	31.27	9.80
DESIGNERS, EXCEPT INTERIOR DESIGNERS	30	0.05	24.02	9.80
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	140	0.25	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	36,110	64.46	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	2,800	5.00	25.73	43.14
SALESPERSONS, RETAIL	23,320	41.64	11.05	82.35
STOCK CLERKS, SALES FLOOR	4,320	7.71	32.04	37.25
CASHIERS	4,950	8.83	36.28	41.18
ALL OTHER SALES AND RELATED WORKERS	720	1.28	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	8,140	14.40	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND				

SIC 594 MISCELLANEOUS SHOPPING GOODS STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ADMINISTRATIVE SUPPORT OCCUPATIONS	190	0.33	11.54	17.65
CREDIT AUTHORIZERS	50	0.08	13.84	11.76
CREDIT CHECKERS	110	0.19	23.22	7.84
ADJUSTMENT CLERKS	60	0.10	9.86	9.80
BILL AND ACCOUNT COLLECTORS	270	0.48	19.59	9.80
SECRETARIES	520	0.92	29.14	25.49
RECEPTIONISTS AND INFORMATION CLERKS	40	0.07	48.45	11.76
TYPISTS	10	0.01	20.51	9.80
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	30	0.05	22.38	9.80
CORRESPONDENCE CLERKS	10	0.01	24.98	5.88
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,890	3.37	27.74	41.18
PAYROLL AND TIMEKEEPING CLERKS	80	0.14	11.22	13.73
BILLING, COST AND RATE CLERKS	40	0.07	31.82	5.88
GENERAL OFFICE CLERKS	1,880	3.35	37.81	31.37
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	500	0.87	N.A.	N.A.
PERIPHERAL EDP EQUIPMENT OPERATORS	50	0.08	16.96	5.88
DATA ENTRY KEYERS, EXCEPT COMPOSING	200	0.35	8.67	15.69
ALL OTHER OFFICE MACHINE OPERATORS	250	0.44	N.A.	N.A.
SWITCHBOARD OPERATORS	40	0.07	43.07	11.76
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	60	0.10	8.85	15.69
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,890	3.36	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	1,010	1.80	39.52	27.45
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	270	0.48	42.05	25.49
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	610	1.08	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	470	0.83	N.A.	N.A.
SERVICE OCCUPATIONS	400	0.71	N.A.	N.A.
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	90	0.16	N.A.	N.A.
ALL OTHER SERVICE WORKERS	310	0.55	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	50	0.08	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,190	5.68	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	460	0.82	N.A.	N.A.
PRECISION PRODUCTION OCCUPATIONS	840	1.50	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	390	0.69	N.A.	N.A.

SIC 594 MISCELLANEOUS SHOPPING GOODS STORES
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS..	1,500	2.67	N.A.	N.A.

SIC 596 NONSTORE RETAILERS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	12,550	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	900	7.11	N.A.	N.A.
FINANCIAL MANAGERS	20	0.15	13.27	10.98
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.15	43.43	7.32
PURCHASING MANAGERS	60	0.47	19.63	12.20
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	80	0.63	27.46	15.85
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	20	0.15	6.82	6.10
FOOD SERVICE AND LODGING MANAGERS	20	0.15	30.19	6.10
GENERAL MANAGERS AND TOP EXECUTIVES	590	4.70	9.85	75.61
ALL OTHER MANAGERS AND ADMINISTRATORS	90	0.71	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	660	5.18	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	50	0.38	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	30	0.23	12.22	7.32
ALL OTHER FINANCIAL SPECIALISTS	20	0.15	N.A.	N.A.
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	80	0.63	28.44	8.54
ALL OTHER MANAGEMENT SUPPORT WORKERS	30	0.23	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.15	N.A.	N.A.
COMPUTER PROGRAMMERS	20	0.15	17.52	8.54
ARTISTS AND RELATED WORKERS	30	0.23	47.23	3.66
DESIGNERS, EXCEPT INTERIOR DESIGNERS	60	0.47	33.54	4.88
MERCHANDISE DISPLAYERS AND WINDOW TRIMMERS	10	0.07	0.00	1.22
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	380	3.02	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	3,280	26.10	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	540	4.30	32.99	45.12
SALESPERSONS, RETAIL	1,590	12.66	16.61	41.46
STOCK CLERKS, SALES FLOOR	150	1.19	34.92	8.54
CASHIERS	190	1.51	17.38	20.73
NEWS AND STREET VENDORS, TELEPHONE SOLICITORS, DOOR-TO-DOOR SALES WORKERS, AND OTHER RELATED WORKERS	650	5.17	30.86	19.51
ALL OTHER SALES AND RELATED WORKERS	160	1.27	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4,190	33.19	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	200	1.59	15.95	20.73
ADJUSTMENT CLERKS	130	1.03	0.54	6.10

SIC 596 NONSTORE RETAILERS
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
BILL AND ACCOUNT COLLECTORS	40	0.31	11.24	4.88
SECRETARIES	350	2.78	14.34	48.78
STENOGRAPHERS	20	0.15	0.00	1.22
TYPISTS	20	0.15	0.00	3.66
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	30	0.23	0.00	3.66
FILE CLERKS	20	0.15	0.00	2.44
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	520	4.14	17.13	15.85
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	440	3.50	7.21	35.37
PAYROLL AND TIMEKEEPING CLERKS	20	0.15	7.09	7.32
BILLING, COST AND RATE CLERKS	40	0.31	25.16	8.54
GENERAL OFFICE CLERKS	810	6.45	18.26	42.68
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	420	3.31	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	20	0.15	0.00	1.22
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	60	0.47	7.95	6.10
PERIPHERAL EDP EQUIPMENT OPERATORS	60	0.47	0.00	1.22
DATA ENTRY KEYERS, EXCEPT COMPOSING	260	2.07	7.02	9.76
ALL OTHER OFFICE MACHINE OPERATORS	20	0.15	17.58	4.88
SWITCHBOARD OPERATORS	10	0.07	15.09	6.10
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	50	0.39	44.79	3.66
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,010	8.01	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	50	0.39	32.42	7.32
MARKING CLERKS	60	0.47	0.00	2.44
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	240	1.91	14.93	31.71
ORDER FILLERS, WHOLESALE AND RETAIL SALES	250	1.99	36.16	12.20
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	330	2.62	7.91	20.73
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	80	0.63	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	0.47	N.A.	N.A.
SERVICE OCCUPATIONS	640	5.06	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	10	0.07	21.91	4.88
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	550	4.37	N.A.	N.A.
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	160	1.27	23.87	13.41
FOOD PREPARATION WORKERS	210	1.67	27.81	10.98
ALL OTHER FOOD SERVICE WORKERS	180	1.43	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	70	0.55	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.07	N.A.	N.A.

SIC 596 NONSTORE RETAILERS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,880	22.87	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	40	0.31	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	150	1.19	25.04	18.29
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	190	1.51	0.00	1.22
ELECTRIC HOME APPLIANCE AND POWER TOOL REPAIRERS	180	1.43	32.28	9.76
COIN AND VENDING MACHINE SERVICERS AND REPAIRERS	470	3.74	38.22	20.73
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	130	1.03	N.A.	N.A.
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	30	0.23	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,190	9.47	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	240	1.91	0.00	1.22
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	190	1.51	24.33	14.63
DRIVER/SALES WORKERS	760	6.05	19.21	23.17
HELPERS, MECHANIC AND REPAIRER	30	0.23	0.00	1.22
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	250	1.99	23.15	8.54
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	140	1.11	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	80	0.63	N.A.	N.A.

SIC 599 RETAIL STORES, NEC
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	28,610	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	3,310	11.54	N.A.	N.A.
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	150	0.52	47.45	9.09
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	290	1.01	39.33	6.06
GENERAL MANAGERS AND TOP EXECUTIVES	2,350	8.20	14.89	60.61
ALL OTHER MANAGERS AND ADMINISTRATORS	520	1.81	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	2,620	9.11	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	280	0.97	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	250	0.87	N.A.	N.A.
ENGINEERS	60	0.20	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.06	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.06	0.00	3.03
DESIGNERS, EXCEPT INTERIOR DESIGNERS	1,760	6.14	41.91	24.24
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	250	0.87	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	9,080	31.68	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	690	2.40	48.37	21.21
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	420	1.46	0.00	3.03
SALESPERSONS, RETAIL	7,730	26.99	19.52	84.85
ALL OTHER SALES AND RELATED WORKERS	240	0.83	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,530	12.29	N.A.	N.A.
ADJUSTMENT CLERKS	580	2.02	0.00	3.03
SECRETARIES	350	1.22	47.44	18.18
STENOGRAPHERS	30	0.10	0.00	3.03
FILE CLERKS	50	0.17	0.00	3.03
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	480	1.67	9.99	6.06
GENERAL OFFICE CLERKS	1,250	4.36	30.87	27.27
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	280	0.97	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	50	0.17	0.00	3.03
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	230	0.80	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	510	1.78	N.A.	N.A.

SIC 599 RETAIL STORES, NEC
REFERENCE DATE : JUNE 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SERVICE OCCUPATIONS	60	0.20	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	2,890	10.09	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	7,120	24.85	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	440	1.53	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	3,520	12.29	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,180	4.12	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	1,180	4.12	42.60	27.27
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,980	6.91	N.A.	N.A.

GLOSSARY OF TERMS

ES-202, Quarterly Report of Employment and Wages: A listing of all employing units, within the state, covered under the Unemployment Insurance Law.

Establishment: An economic unit which produces goods or services. In most instances, each establishment is a single physical location and is engaged in one predominate type of economic activity for which an industry code is applicable. Establishments are also referred to as reporting units.

Standard Industrial Classification (SIC): The SIC is the classification of establishments by type of economic activity in which engaged. It is a classification of establishment, rather than legal entities or enterprises by kinds of business, and not by occupations or commodities. It encompasses all economic activity.

Universe: Total establishments or units covered under the ES-202, Quarterly Report of Employment and Wages.

116-86

Texas Occupational Employment Statistics

Industry Staffing Patterns

1985

Education

TEXAS EMPLOYMENT COMMISSION

In cooperation with the U.S. Department of Labor

Bureau of Labor Statistics

Issued October 1987

TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

INDUSTRY STAFFING PATTERNS
FOR
EDUCATION

April 1985

Prepared by
Texas Employment Commission
Economic Research and Analysis
TEC Building
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PREFACE

This publication summarizes the results of an occupational employment survey of the education sector in Texas.

This report is the product of a Federal-State Cooperative Program. The Bureau of Labor Statistics (BLS) developed the procedures and provided technical assistance. The Department of Labor through BLS funded the project and was responsible for the administrative aspects of the program. The Texas Employment Commission collected and analyzed the data, provided the necessary computer services, and published the findings.

Special thanks are extended to the many cooperating employers who provided the survey data which made this publication possible.

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INTRODUCTION

The Occupational Employment Statistics (OES) Program is an ongoing Federal-State Cooperative Program that produces current estimates of industry staffing patterns by occupation through periodic surveys of the nonfarm wage and salary sector of the Texas economy. It consists of three parts: the OES survey, the industry-occupation matrix, and projections. This publication presents the results of the survey phase.

The program's primary purpose is to collect and summarize current occupational data by industry which will be used to measure and define occupational needs and trends. The data will also be used to refine and modify the worker-demand projections generated through the Industry-Occupation Matrix. The OES program has continued to expand and develop in order to meet the changing needs of data users, such as companies considering new plant locations, business firms involved in research projects, vocational education groups developing curricula, as well as Private Industry Councils, job-seekers, guidance counselors, community leaders, chambers of commerce, students, etc.

Occupational staffing patterns are presented for the education sector. Data was collected from Texas employers for the month of April 1985.

This publication and other industry publications will be updated at three-year intervals to provide a better basis for decision-making at all levels of human resource planning and development. Other publications providing industry and occupational data are available from the Texas Employment Commission upon request.

METHODOLOGY

THE SAMPLE

The sample for this survey was selected from the second quarter 1984 ES-202, Quarterly Report of Employment and Wages. The universe was stratified into three-digit Standard Industrial Classification (SIC) codes, each consisting of six employment size classes (1-9, 10-19, 20-49, 50-99, 100-249, and 250 plus). Procedures involved selecting all certainty cases (establishments having 250 or more employees). Firms with fewer that 250 employees were subject to sample selection on a random basis. Each unit was given a weight according to the proportion of firms selected in each size class.

COLLECTION PROCEDURES

The majority of the data was collected by mail. Each selected establishment received a structured schedule for their specific industry. The survey form includes instructions, occupational titles and definitions, establishment identification, and a three-digit SIC description. An open-end feature allows respondents to report occupations not listed or new emerging occupations.

Survey procedures included three follow-up mailings to nonrespondents. The telephone was used extensively to clarify data and to canvass critical nonrespondents.

SAMPLING ERROR

Relative standard error is presented for use in measuring sampling error. The relative standard error is an arithmetic measure of the precision of the estimates. It is the error that results from the difference between data obtained if the same survey methods were applied to collecting identical information from the entire population or universe.

SAMPLING ERROR (continued)

The relative error expresses the standard error of an estimate as a percentage of that estimate and creates an interval around the estimate. The total estimated employment multiplied by the relative errors gives a figure which can be added to and subtracted from the estimate to obtain an upper and lower limit or interval. A level of confidence is then associated with this interval. It is based on the number of relative standard errors that were added to the estimate and is the probability that the interval will cover the true population value. An interval that is based on one relative error has a 68% level of confidence and one based on two relative errors has a level of 95%. For example, suppose an estimated employment of 500 and a relative error of 10% is given for an occupation. This means that with a 68% confidence level, the true number of workers in that occupation would fall between 450 and 550.

NONSAMPLING ERROR

Nonsampling error results from several aspects of the survey process, such as respondent error, processing errors, questionnaire design, etc. It cannot be measured with reasonable precision, therefore, survey procedures and estimating processes have been designed to minimize it.

ESTIMATING PROCEDURES

All establishments in a given estimating cell were assigned a sample weight which was the inverse of the sampling ratio. Employment for each occupation was multiplied by its establishment's sample weight and summed for all sample establishments in one cell. Summed total employment in each establishment was multiplied by that establishment's sample weight and summed for all establishments in the cell. Weighted total establishment employment was expressed as a percent of weighted summed establishment employment to form the ratio for the estimate.

ESTIMATING PROCEDURES (Continued)

This was the arithmetic expression of the occupational pattern for the estimated cell. The benchmark figures for the survey month (April 1985) were divided by the weighted total establishment employment. Each weighted reported occupational employment in the cell was multiplied by this ratio to get the estimated employment for each occupation. To aggregate across size classes, all these estimates were added to get one total estimate for each occupation.

CONSIDERATIONS IN USING THE ESTIMATES

RELATIVE ERROR

From an accuracy standpoint, the higher the relative error, the less accurate the estimate. If relative errors exceeded fifty percent (50%), the employment from these occupations was merged with the employment of a relevant "all other" category.

ROUNDING AND OCCUPATIONS WITH LESS THAN TEN EMPLOYMENT

All estimates were rounded to the nearest ten (10). The percent distribution column may not add up to one hundred percent (100%) because of the computer rounding procedure.

Occupations with employment less than ten (10) were combined with a relevant "all other" category. "N.A." means not applicable.

The employment count reflects the number of jobs and not the number of persons holding jobs.

SIC 82 EDUCATIONAL SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	556,240	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	26,650	4.74	N.A.	N.A.
FINANCIAL MANAGERS	740	0.13	16.59	41.67
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	370	0.06	5.75	30.16
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	420	0.07	6.86	26.59
ADMINISTRATIVE SERVICES MANAGERS	560	0.10	9.49	16.87
ALL OTHER ADMINISTRATIVE MANAGERS	1,130	0.20	N.A.	N.A.
EDUCATION ADMINISTRATORS	16,410	2.94	2.69	85.52
CONSTRUCTION MANAGERS	300	0.05	10.42	21.03
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	410	0.07	15.37	23.61
FOOD SERVICE AND LODGING MANAGERS	1,080	0.19	10.06	41.07
GENERAL MANAGERS AND TOP EXECUTIVES	3,120	0.56	8.13	71.23
ALL OTHER MANAGERS AND ADMINISTRATORS	2,110	0.37	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	342,050	61.21	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	1,380	0.23	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	1,030	0.18	7.63	33.93
BUDGET ANALYSTS	160	0.02	7.45	11.90
ALL OTHER FINANCIAL SPECIALISTS	190	0.03	22.17	6.75
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	380	0.06	6.46	14.29
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	500	0.08	9.48	17.46
ALL OTHER MANAGEMENT SUPPORT WORKERS	1,120	0.20	N.A.	N.A.
ENGINEERS	460	0.08	15.05	6.35
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	410	0.07	10.69	6.35
PHYSICAL SCIENTISTS	250	0.04	20.96	2.78
LIFE SCIENTISTS	440	0.07	16.64	3.97
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	3,200	0.57	14.83	5.36
COMPUTER SCIENTISTS AND RELATED WORKERS	1,730	0.29	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	660	0.11	5.84	16.47
COMPUTER PROGRAMMERS	890	0.15	5.39	22.62
COMPUTER PROGRAMMER AIDES	180	0.03	10.25	10.52
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	160	0.02	N.A.	N.A.
MATHEMATICAL SCIENTISTS	160	0.02	15.32	3.57
SOCIAL SCIENTISTS, INCLUDING URBAN AND REGIONAL PLANNERS	1,030	0.17	N.A.	N.A.
PSYCHOLOGISTS	420	0.07	12.63	15.48
ALL OTHER SOCIAL SCIENTISTS	610	0.10	N.A.	N.A.
SOCIAL WORKERS, EXCEPT MEDICAL AND PSYCHIATRIC	230	0.04	18.67	6.94
NURSING INSTRUCTORS	1,780	0.31	14.71	11.11

SIC 82 EDUCATIONAL SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
GRADUATE ASSISTANTS, TEACHING	7,440	1.33	14.36	7.94
LIFE SCIENCES TEACHERS	6,080	1.09	17.38	15.87
CHEMISTRY TEACHERS	720	0.12	4.87	15.67
PHYSICS TEACHERS	560	0.10	5.10	13.69
ALL OTHER PHYSICAL SCIENCES TEACHERS	820	0.14	10.05	10.32
SOCIAL SCIENCES TEACHERS	4,020	0.72	5.47	17.66
HEALTH SPECIALTIES TEACHERS	1,840	0.33	12.17	7.34
ENGLISH AND FOREIGN LANGUAGE TEACHERS	3,640	0.65	6.52	17.86
ART, DRAMA AND MUSIC TEACHERS	2,770	0.49	10.29	16.07
ENGINEERING TEACHERS	1,680	0.30	13.93	8.73
MATHEMATICAL SCIENCES TEACHERS	1,680	0.30	5.63	16.67
COMPUTER SCIENCE TEACHERS	1,070	0.19	9.58	14.88
ALL OTHER POSTSECONDARY TEACHERS	8,900	1.59	6.71	16.27
TEACHERS, PRESCHOOL AND KINDERGARTEN	10,260	1.84	2.94	50.40
TEACHERS, ELEMENTARY SCHOOL	71,760	12.89	2.15	51.39
TEACHERS, SECONDARY SCHOOL	86,960	15.63	2.23	51.19
TEACHERS, SPECIAL EDUCATION	18,180	3.26	9.82	49.01
TEACHERS AND INSTRUCTORS, VOCATIONAL EDUCATION AND TRAINING	11,200	2.01	8.25	40.08
INSTRUCTORS, NONVOCATIONAL EDUCATION	2,730	0.49	10.80	14.88
INSTRUCTORS & COACHES, SPORTS AND PHYSICAL TRAINING	4,080	0.73	12.31	24.40
ALL OTHER TEACHERS AND INSTRUCTORS	31,610	5.68	1.83	26.39
LIBRARIANS, PROFESSIONAL	4,980	0.89	4.33	70.44
TECHNICAL ASSISTANTS, LIBRARY	1,560	0.28	7.93	30.16
AUDIO-VISUAL SPECIALISTS	300	0.05	6.32	21.83
VOCATIONAL AND EDUCATIONAL COUNSELORS	5,590	1.00	3.39	62.90
INSTRUCTIONAL COORDINATORS	2,690	0.48	10.93	42.26
TEACHER AIDES, PARAPROFESSIONAL	22,200	3.99	7.25	46.83
SPEECH PATHOLOGISTS AND AUDIOLOGISTS	1,760	0.31	12.48	33.73
REGISTERED NURSES	2,600	0.46	6.41	51.79
LICENSED PRACTICAL NURSES	530	0.09	12.60	13.49
DIETITIANS AND NUTRITIONISTS	130	0.02	6.94	12.90
ALL OTHER HEALTH PROFESSIONALS, PARAPROFESSIONALS, AND TECHNICIANS	2,540	0.45	17.42	23.02
WRITERS AND EDITORS	250	0.04	8.39	12.10
ATHLETES, COACHES, UMPIRES, AND RELATED WORKERS	1,050	0.18	11.18	15.08
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	4,800	0.86	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,130	0.18	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	90	0.01	24.11	2.38

SIC 82 EDUCATIONAL SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALESPERSONS, RETAIL	210	0.03	12.30	5.56
CASHIERS	670	0.12	7.34	14.48
ALL OTHER SALES AND RELATED WORKERS	160	0.02	18.96	4.37
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	78,620	14.03	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,340	0.60	11.40	26.39
LIBRARY ASSISTANTS AND BOOKMOBILE DRIVERS	2,180	0.39	8.32	26.19
TEACHERS' AIDES AND EDUCATIONAL ASSISTANTS, CLERICAL	14,630	2.62	14.19	29.37
SECRETARIES	22,060	3.96	2.81	84.52
STENOGRAPHERS	240	0.04	14.80	4.56
RECEPTIONISTS AND INFORMATION CLERKS	1,170	0.21	9.10	41.27
TYPISTS	2,340	0.42	11.62	17.86
TYPISTS, WORD PROCESSING EQUIPMENT	630	0.11	11.77	13.89
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	450	0.08	3.64	29.76
CORRESPONDENCE CLERKS	60	0.01	23.79	3.97
FILE CLERKS	340	0.06	13.80	8.53
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	3,990	0.71	5.11	67.06
PAYROLL AND TIMEKEEPING CLERKS	520	0.09	6.55	41.47
BILLING, COST AND RATE CLERKS	390	0.07	20.30	12.30
GENERAL OFFICE CLERKS	17,150	3.08	6.79	42.66
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	1,940	0.32	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	70	0.01	11.61	4.37
DUPLICATING MACHINE OPERATORS	310	0.05	5.53	16.67
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	550	0.09	6.61	20.44
PERIPHERAL EDP EQUIPMENT OPERATORS	120	0.02	9.76	4.17
DATA ENTRY KEYERS, EXCEPT COMPOSING	720	0.12	5.97	21.43
ALL OTHER OFFICE MACHINE OPERATORS	170	0.03	10.36	5.36
SWITCHBOARD OPERATORS	480	0.08	4.99	31.35
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	380	0.06	4.65	23.02
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,470	0.25	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	820	0.14	11.99	24.01
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	460	0.08	9.89	15.08
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	190	0.03	13.03	5.16
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	4,860	0.87	11.98	22.22
SERVICE OCCUPATIONS	68,580	12.24	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	3,270	0.58	5.47	39.68

SIC 82 EDUCATIONAL SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CROSSING GUARDS	500	0.08	12.18	10.71
GUARDS AND WATCH GUARDS	1,610	0.28	6.52	25.60
ALL OTHER PROTECTIVE SERVICE WORKERS	1,540	0.27	12.12	12.50
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	32,480	5.82	N.A.	N.A.
DINING ROOM AND CAFETERIA ATTENDANTS, AND BARTENDER HELPERS	1,230	0.22	8.79	8.13
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	2,640	0.47	6.87	12.70
COOKS, INSTITUTION OR CAFETERIA	17,890	3.21	3.93	50.99
FOOD PREPARATION WORKERS	8,710	1.56	4.22	29.17
ALL OTHER FOOD SERVICE WORKERS	2,010	0.36	8.06	12.90
HEALTH SERVICE AND RELATED WORKERS	550	0.09	N.A.	N.A.
NURSING AIDES, ORDERLIES, AND ATTENDANTS	550	0.09	9.89	9.33
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	28,340	5.08	N.A.	N.A.
MAIDS AND HOUSEKEEPING CLEANERS	780	0.14	32.67	7.34
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	27,030	4.85	2.05	70.24
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	530	0.09	10.82	7.34
CHILD CARE WORKERS	110	0.01	13.22	2.78
ALL OTHER SERVICE WORKERS	180	0.03	21.48	4.37
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	4,100	0.73	N.A.	N.A.
GARDENERS AND GROUNDSKEEPERS, EXCEPT FARM	3,590	0.64	8.95	41.27
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	510	0.09	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	35,110	6.21	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,300	0.21	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	380	0.06	3.88	22.42
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	220	0.03	6.04	9.92
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	700	0.12	8.24	15.87
INSPECTORS AND RELATED OCCUPATIONS	110	0.01	20.06	2.18
MAINTENANCE REPAIRERS, GENERAL UTILITY	7,410	1.33	11.87	52.98
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	1,040	0.18	6.78	33.73
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	1,130	0.20	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	3,250	0.57	N.A.	N.A.
CARPENTERS	900	0.16	2.73	29.56

SIC 82 EDUCATIONAL SERVICES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ELECTRICIANS	860	0.15	5.53	31.35
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	860	0.15	4.34	25.79
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	630	0.11	4.28	26.19
ALL OTHER CONSTRUCTION & EXTRACTIVE WORKERS, EXCEPT HELPERS	750	0.13	6.89	11.51
PRECISION PRODUCTION OCCUPATIONS	180	0.03	9.43	5.16
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	400	0.07	9.27	7.74
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	190	0.03	8.00	5.56
PLANT AND SYSTEM WORKERS	300	0.05	10.10	6.55
MOTOR VEHICLE OPERATORS	14,060	2.52	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	520	0.09	6.77	16.27
BUS DRIVERS, SCHOOL	13,540	2.43	6.22	46.43
MATERIAL MOVING EQUIPMENT OPERATORS	120	0.02	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	120	0.02	11.56	4.37
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	3,990	0.71	9.88	15.87
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	880	0.15	N.A.	N.A.

SIC 821 ELEM & SECONDARY SCHOOLS
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	382,920	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	16,550	4.27	N.A.	N.A.
FINANCIAL MANAGERS	340	0.08	34.74	47.15
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	170	0.04	10.23	34.22
PURCHASING MANAGERS	100	0.02	27.31	22.43
ADMINISTRATIVE SERVICES MANAGERS	140	0.03	9.65	15.59
ALL OTHER ADMINISTRATIVE MANAGERS	60	0.01	N.A.	N.A.
EDUCATION ADMINISTRATORS	11,920	3.11	3.30	97.34
CONSTRUCTION MANAGERS	120	0.03	23.00	24.33
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	290	0.07	21.30	36.12
FOOD SERVICE AND LODGING MANAGERS	730	0.19	10.77	62.74
GENERAL MANAGERS AND TOP EXECUTIVES	1,870	0.48	12.75	85.17
ALL OTHER MANAGERS AND ADMINISTRATORS	810	0.21	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	245,820	64.02	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	340	0.07	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	220	0.05	14.00	30.42
BUDGET ANALYSTS	60	0.01	13.11	9.89
ALL OTHER FINANCIAL SPECIALISTS	60	0.01	40.12	4.18
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	50	0.01	5.33	10.27
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	80	0.02	4.97	13.69
ALL OTHER MANAGEMENT SUPPORT WORKERS	330	0.08	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	280	0.06	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	50	0.01	6.46	7.60
COMPUTER PROGRAMMERS	180	0.04	8.95	15.59
COMPUTER PROGRAMMER AIDES	50	0.01	6.46	8.37
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	40	0.01	N.A.	N.A.
MATHEMATICAL SCIENTISTS	40	0.01	15.57	1.14
SOCIAL SCIENTISTS, INCLUDING URBAN AND REGIONAL PLANNERS	380	0.09	N.A.	N.A.
PSYCHOLOGISTS	320	0.08	15.67	21.67
ALL OTHER SOCIAL SCIENTISTS	60	0.01	N.A.	N.A.
SOCIAL WORKERS, EXCEPT MEDICAL AND PSYCHIATRIC	60	0.01	6.39	9.13
SOCIAL SCIENCES TEACHERS	80	0.02	17.33	1.52
HEALTH SPECIALTIES TEACHERS	80	0.02	20.98	0.76
ART, DRAMA AND MUSIC TEACHERS	40	0.01	19.03	1.14
ALL OTHER POSTSECONDARY TEACHERS	260	0.06	N.A.	N.A.
TEACHERS, PRESCHOOL AND KINDERGARTEN	10,210	2.66	2.95	93.92
TEACHERS, ELEMENTARY SCHOOL	71,680	18.71	2.15	97.72

SIC 821 ELEM & SECONDARY SCHOOLS
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TEACHERS, SECONDARY SCHOOL	86,870	22.68	2.23	97.34
TEACHERS, SPECIAL EDUCATION	18,160	4.74	9.83	92.78
TEACHERS AND INSTRUCTORS, VOCATIONAL EDUCATION AND TRAINING	4,380	1.14	9.98	39.54
INSTRUCTORS, NONVOCATIONAL EDUCATION	580	0.15	11.52	7.22
INSTRUCTORS & COACHES, SPORTS AND PHYSICAL TRAINING	3,580	0.93	13.93	34.60
ALL OTHER TEACHERS AND INSTRUCTORS	10,490	2.73	4.11	30.04
LIBRARIANS, PROFESSIONAL	3,720	0.97	5.64	93.92
TECHNICAL ASSISTANTS, LIBRARY	600	0.15	11.28	31.56
AUDIO-VISUAL SPECIALISTS	100	0.02	10.68	19.77
VOCATIONAL AND EDUCATIONAL COUNSELORS	4,660	1.21	3.74	87.83
INSTRUCTIONAL COORDINATORS	2,040	0.53	13.90	61.22
TEACHER AIDES, PARAPROFESSIONAL	20,070	5.24	7.82	75.67
SPEECH PATHOLOGISTS AND AUDIOLOGISTS	1,690	0.44	12.91	61.98
REGISTERED NURSES	2,140	0.55	6.73	81.75
LICENSED PRACTICAL NURSES	330	0.08	16.63	17.11
DIETITIANS AND NUTRITIONISTS	100	0.02	7.52	20.53
ALL OTHER HEALTH PROFESSIONALS, PARAPROFESSIONALS, AND TECHNICIANS	900	0.23	21.24	31.94
ATHLETES, COACHES, UMPIRES, AND RELATED WORKERS	750	0.19	14.58	18.63
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	750	0.19	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	200	0.05	N.A.	N.A.
CASHIERS	200	0.05	14.72	5.32
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	36,370	9.38	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	880	0.22	8.89	24.33
LIBRARY ASSISTANTS AND BOOKMOBILE DRIVERS	1,100	0.28	13.35	28.14
TEACHERS' AIDES AND EDUCATIONAL ASSISTANTS, CLERICAL	12,840	3.35	15.77	48.67
SECRETARIES	11,560	3.01	3.02	92.40
STENOGRAPHERS	80	0.02	15.76	5.70
RECEPTIONISTS AND INFORMATION CLERKS	470	0.12	9.49	43.73
TYPISTS	510	0.13	31.42	9.89
TYPISTS, WORD PROCESSING EQUIPMENT	140	0.03	37.08	9.89
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	270	0.07	4.62	37.64
FILE CLERKS	180	0.04	15.78	10.27
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,890	0.49	9.53	77.19
PAYROLL AND TIMEKEEPING CLERKS	340	0.08	8.88	55.89
BILLING, COST AND RATE CLERKS	100	0.02	7.68	16.35
GENERAL OFFICE CLERKS	4,270	1.11	6.00	44.87

SIC 821 ELEM & SECONDARY SCHOOLS
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	490	0.11	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	60	0.01	13.40	6.08
DUPLICATING MACHINE OPERATORS	80	0.02	6.13	14.07
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	160	0.04	18.45	16.35
DATA ENTRY KEYERS, EXCEPT COMPOSING	110	0.02	3.90	15.59
ALL OTHER OFFICE MACHINE OPERATORS	80	0.02	N.A.	N.A.
SWITCHBOARD OPERATORS	190	0.04	4.96	31.56
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	70	0.01	3.91	15.97
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	550	0.14	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	270	0.07	10.54	25.48
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	280	0.07	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	440	0.11	N.A.	N.A.
SERVICE OCCUPATIONS	56,220	14.60	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	2,220	0.57	7.65	46.39
CROSSING GUARDS	490	0.12	12.28	20.15
GUARDS AND WATCH GUARDS	580	0.15	13.99	22.43
ALL OTHER PROTECTIVE SERVICE WORKERS	1,050	0.27	17.11	13.31
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	29,480	7.67	N.A.	N.A.
DINING ROOM AND CAFETERIA ATTENDANTS, AND BARTENDER HELPERS	600	0.15	9.85	7.22
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	2,430	0.63	7.28	17.11
COOKS, INSTITUTION OR CAFETERIA	17,030	4.44	4.09	80.23
FOOD PREPARATION WORKERS	7,630	1.99	4.43	43.35
ALL OTHER FOOD SERVICE WORKERS	1,790	0.46	8.33	17.87
HEALTH SERVICE AND RELATED WORKERS	440	0.11	N.A.	N.A.
NURSING AIDES, ORDERLIES, AND ATTENDANTS	440	0.11	10.80	14.83
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	21,900	5.70	N.A.	N.A.
MAIDS AND HOUSEKEEPING CLEANERS	540	0.14	47.15	5.70
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	21,020	5.48	2.38	90.87
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	340	0.08	10.36	9.13
CHILD CARE WORKERS	60	0.01	20.22	1.52
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	1,490	0.38	N.A.	N.A.
GARDENERS AND GROUNDSKEEPERS, EXCEPT FARM	1,490	0.38	5.52	46.39
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL				

SIC 821 ELEM & SECONDARY SCHOOLS
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
HANDLING OCCUPATIONS	26,270	6.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	600	0.14	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	210	0.05	4.76	26.24
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	50	0.01	7.92	7.22
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	340	0.08	10.70	16.35
MAINTENANCE REPAIRERS, GENERAL UTILITY	5,180	1.35	16.48	67.68
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	1,010	0.26	6.90	62.36
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	420	0.10	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	1,690	0.43	N.A.	N.A.
CARPENTERS	470	0.12	4.03	32.32
ELECTRICIANS	400	0.10	4.46	37.26
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	510	0.13	6.67	25.48
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	310	0.08	3.98	29.28
ALL OTHER CONSTRUCTION & EXTRACTIVE WORKERS, EXCEPT HELPERS	410	0.10	6.47	12.55
PRECISION PRODUCTION OCCUPATIONS	70	0.01	14.54	2.28
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	110	0.02	13.48	4.56
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	50	0.01	9.18	3.80
MOTOR VEHICLE OPERATORS	13,840	3.60	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	370	0.09	5.18	22.81
BUS DRIVERS, SCHOOL	13,470	3.51	6.25	86.31
MATERIAL MOVING EQUIPMENT OPERATORS	80	0.02	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	80	0.02	8.65	5.32
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	2,000	0.52	14.74	16.35
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	810	0.21	N.A.	N.A.

SIC 822 COLLEGES & UNIVERSITIES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	166,310	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	9,170	5.46	N.A.	N.A.
FINANCIAL MANAGERS	370	0.22	7.69	76.24
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	170	0.10	6.33	53.47
PURCHASING MANAGERS	90	0.05	7.06	49.50
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	210	0.12	10.21	55.45
ADMINISTRATIVE SERVICES MANAGERS	400	0.24	12.83	37.62
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	920	0.55	35.10	22.77
EDUCATION ADMINISTRATORS	4,100	2.46	4.83	98.02
CONSTRUCTION MANAGERS	180	0.10	8.84	40.59
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	120	0.07	9.67	23.76
FOOD SERVICE AND LODGING MANAGERS	360	0.21	21.27	41.58
GENERAL MANAGERS AND TOP EXECUTIVES	1,010	0.60	8.20	70.30
ALL OTHER MANAGERS AND ADMINISTRATORS	1,240	0.74	10.15	53.47
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	92,250	55.24	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	940	0.55	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	750	0.45	9.54	65.35
BUDGET ANALYSTS	80	0.04	10.03	31.68
ALL OTHER FINANCIAL SPECIALISTS	110	0.06	29.37	17.82
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	320	0.19	7.55	41.58
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	380	0.22	11.87	40.59
ALL OTHER MANAGEMENT SUPPORT WORKERS	790	0.47	N.A.	N.A.
ENGINEERS	370	0.22	17.94	22.77
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	400	0.24	11.11	24.75
PHYSICAL SCIENTISTS	240	0.14	21.30	12.87
LIFE SCIENTISTS	430	0.25	17.04	18.81
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	3,190	1.91	14.89	24.75
COMPUTER SCIENTISTS AND RELATED WORKERS	1,420	0.84	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	590	0.35	6.45	55.45
COMPUTER PROGRAMMERS	700	0.42	6.49	67.33
COMPUTER PROGRAMMER AIDES	130	0.07	14.38	29.70
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	120	0.07	N.A.	N.A.
MATHEMATICAL SCIENTISTS	120	0.07	20.09	14.85
SOCIAL SCIENTISTS, INCLUDING URBAN AND REGIONAL PLANNERS	650	0.39	N.A.	N.A.
SOCIAL WORKERS, EXCEPT MEDICAL AND PSYCHIATRIC	160	0.09	25.77	10.89
NURSING INSTRUCTORS	1,720	1.03	15.17	51.49
GRADUATE ASSISTANTS, TEACHING	7,440	4.47	14.36	39.60

SIC 822 COLLEGES & UNIVERSITIES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
LIFE SCIENCES TEACHERS	6,060	3.64	17.44	75.25
CHEMISTRY TEACHERS	710	0.42	4.86	72.28
PHYSICS TEACHERS	560	0.33	5.13	65.35
ALL OTHER PHYSICAL SCIENCES TEACHERS	780	0.46	10.48	46.53
SOCIAL SCIENCES TEACHERS	3,940	2.36	5.57	84.16
HEALTH SPECIALTIES TEACHERS	1,760	1.05	12.68	34.65
ENGLISH AND FOREIGN LANGUAGE TEACHERS	3,510	2.11	6.39	83.17
ART, DRAMA AND MUSIC TEACHERS	2,580	1.55	9.70	76.24
ENGINEERING TEACHERS	1,660	0.99	14.13	41.58
MATHEMATICAL SCIENCES TEACHERS	1,650	0.99	5.72	81.19
COMPUTER SCIENCE TEACHERS	1,040	0.62	9.75	70.30
ALL OTHER POSTSECONDARY TEACHERS	8,860	5.32	6.74	80.20
TEACHERS, PRESCHOOL AND KINDERGARTEN	40	0.02	26.45	5.94
TEACHERS AND INSTRUCTORS, VOCATIONAL EDUCATION AND TRAINING	5,210	3.13	15.47	34.65
INSTRUCTORS, NONVOCATIONAL EDUCATION	890	0.53	29.74	10.89
INSTRUCTORS & COACHES, SPORTS AND PHYSICAL TRAINING	450	0.27	10.39	29.70
FARM AND HOME MANAGEMENT ADVISORS	1,170	0.70	44.46	2.97
ALL OTHER TEACHERS AND INSTRUCTORS	21,040	12.64	1.83	47.52
LIBRARIANS, PROFESSIONAL	1,190	0.71	4.35	90.10
TECHNICAL ASSISTANTS, LIBRARY	910	0.54	11.22	61.39
AUDIO-VISUAL SPECIALISTS	200	0.12	7.87	56.44
VOCATIONAL AND EDUCATIONAL COUNSELORS	870	0.52	8.50	71.29
INSTRUCTIONAL COORDINATORS	550	0.33	13.83	34.65
TEACHER AIDES, PARAPROFESSIONAL	2,080	1.25	17.57	29.70
SPEECH PATHOLOGISTS AND AUDIOLOGISTS	50	0.03	34.82	5.94
REGISTERED NURSES	460	0.27	18.26	45.54
LICENSED PRACTICAL NURSES	200	0.12	19.49	21.78
DIETITIANS AND NUTRITIONISTS	30	0.01	16.82	10.89
ALL OTHER HEALTH PROFESSIONALS, PARAPROFESSIONALS, AND TECHNICIANS	1,640	0.98	24.35	30.69
WRITERS AND EDITORS	220	0.13	9.52	38.61
ATHLETES, COACHES, UMPIRES, AND RELATED WORKERS	300	0.18	14.24	26.73
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	3,070	1.84	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	800	0.47	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	20	0.01	39.78	3.96
SALESPERSONS, RETAIL	210	0.12	12.30	27.72
CASHIERS	470	0.28	8.42	56.44
ALL OTHER SALES AND RELATED WORKERS	100	0.06	25.84	13.86

SIC 822 COLLEGES & UNIVERSITIES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40,730	24.35	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,450	1.47	15.26	61.39
LIBRARY ASSISTANTS AND BOOKMOBILE DRIVERS	940	0.56	10.96	48.51
TEACHERS' AIDES AND EDUCATIONAL ASSISTANTS, CLERICAL	1,720	1.03	26.64	10.89
SECRETARIES	10,160	6.10	5.02	0.00
STENOGRAPHERS	150	0.09	21.06	7.92
RECEPTIONISTS AND INFORMATION CLERKS	540	0.32	17.43	37.62
TYPISTS	1,790	1.07	12.23	52.48
TYPISTS, WORD PROCESSING EQUIPMENT	460	0.27	10.99	33.66
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	180	0.10	5.96	48.51
CORRESPONDENCE CLERKS	30	0.01	40.79	5.94
FILE CLERKS	140	0.08	26.76	10.89
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,920	1.15	4.81	82.18
PAYROLL AND TIMEKEEPING CLERKS	180	0.10	9.03	58.42
BILLING, COST AND RATE CLERKS	280	0.16	27.85	14.85
GENERAL OFFICE CLERKS	12,700	7.63	8.95	71.29
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	1,420	0.83	N.A.	N.A.
DUPLICATING MACHINE OPERATORS	230	0.13	7.12	45.54
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	370	0.22	5.59	53.47
PERIPHERAL EDP EQUIPMENT OPERATORS	110	0.06	10.65	15.84
DATA ENTRY KEYERS, EXCEPT COMPOSING	590	0.35	7.18	58.42
ALL OTHER OFFICE MACHINE OPERATORS	120	0.07	N.A.	N.A.
SWITCHBOARD OPERATORS	290	0.17	7.61	71.29
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	290	0.17	5.84	65.35
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	890	0.52	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	530	0.31	17.78	48.51
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	290	0.17	15.18	37.62
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	70	0.04	18.55	12.87
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	4,200	2.52	N.A.	N.A.
SERVICE OCCUPATIONS	12,150	7.26	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	1,040	0.62	5.50	74.26
GUARDS AND WATCH GUARDS	1,020	0.61	6.44	67.33
ALL OTHER PROTECTIVE SERVICE WORKERS	500	0.30	N.A.	N.A.
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	2,970	1.77	N.A.	N.A.
DINING ROOM AND CAFETERIA ATTENDANTS, AND BARTENDER HELPERS	620	0.37	14.47	20.79

SIC 822 COLLEGES & UNIVERSITIES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	200	0.12	18.67	18.81
COOKS, INSTITUTION OR CAFETERIA	850	0.51	10.14	43.56
FOOD PREPARATION WORKERS	1,080	0.64	13.57	30.69
ALL OTHER FOOD SERVICE WORKERS	220	0.13	29.06	16.83
HEALTH SERVICE AND RELATED WORKERS	120	0.07	N.A.	N.A.
NURSING AIDES, ORDERLIES, AND ATTENDANTS	120	0.07	23.89	7.92
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	6,340	3.80	N.A.	N.A.
MAIDS AND HOUSEKEEPING CLEANERS	240	0.14	14.55	20.79
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	5,900	3.54	4.01	80.20
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	200	0.12	23.52	12.87
CHILD CARE WORKERS	60	0.03	16.74	9.90
ALL OTHER SERVICE WORKERS	100	0.06	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	2,610	1.56	N.A.	N.A.
GARDENERS AND GROUNDSKEEPERS, EXCEPT FARM	2,100	1.26	14.82	84.16
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	510	0.30	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	8,600	5.11	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	670	0.40	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	170	0.10	6.39	42.57
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	150	0.09	8.13	29.70
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	350	0.21	12.88	33.66
INSPECTORS AND RELATED OCCUPATIONS	100	0.06	22.23	6.93
MAINTENANCE REPAIRERS, GENERAL UTILITY	2,150	1.29	9.73	71.29
AUTOMOTIVE MECHANICS	180	0.10	10.76	45.54
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	30	0.01	35.43	5.94
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	450	0.27	15.25	23.76
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	1,540	0.92	N.A.	N.A.
CARPENTERS	420	0.25	3.87	61.39
ELECTRICIANS	450	0.27	9.72	57.43
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	350	0.21	4.45	62.38
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	320	0.19	7.43	54.46
ALL OTHER CONSTRUCTION & EXTRACTIVE WORKERS, EXCEPT HELPERS	340	0.20	12.97	24.75

SIC 822 COLLEGES & UNIVERSITIES
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION PRODUCTION OCCUPATIONS	100	0.06	12.63	18.81
MACHINE SETTERS, SET-UP OPERATORS, OPERATORS, AND TENDERS	290	0.17	11.78	25.74
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	140	0.08	10.19	17.82
PLANT AND SYSTEM WORKERS	270	0.16	11.36	27.72
MOTOR VEHICLE OPERATORS	210	0.12	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	140	0.08	20.43	19.80
BUS DRIVERS, SCHOOL	70	0.04	25.76	6.93
MATERIAL MOVING EQUIPMENT OPERATORS	50	0.03	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	50	0.03	26.89	6.93
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	1,970	1.18	13.30	33.66
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	110	0.06	N.A.	N.A.

SIC 824 CORRESPONDENCE & VOC SCHOOLS
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,930	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	610	15.49	N.A.	N.A.
FINANCIAL MANAGERS	30	0.76	24.90	10.77
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	40	1.01	20.31	9.23
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	120	3.05	12.49	46.15
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.76	N.A.	N.A.
EDUCATION ADMINISTRATORS	210	5.34	10.03	64.62
GENERAL MANAGERS AND TOP EXECUTIVES	130	3.30	16.58	55.38
ALL OTHER MANAGERS AND ADMINISTRATORS	50	1.27	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	2,030	51.58	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	60	1.51	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	40	1.01	18.45	24.62
ALL OTHER FINANCIAL SPECIALISTS	20	0.50	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.50	28.99	10.77
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.25	N.A.	N.A.
ENGINEERS	60	1.52	0.00	1.54
TEACHERS- COLLEGE, JUNIOR COLLEGE, UNIVERSITY, PROFESSIONAL SCHOOL, OR TECHNICAL INSTITUTE	240	6.10	N.A.	N.A.
TEACHERS AND INSTRUCTORS, VOCATIONAL EDUCATION AND TRAINING	1,160	29.51	7.32	69.23
INSTRUCTORS, NONVOCATIONAL EDUCATION	250	6.36	22.08	16.92
VOCATIONAL AND EDUCATIONAL COUNSELORS	50	1.27	26.29	15.38
INSTRUCTIONAL COORDINATORS	60	1.52	25.38	13.85
TEACHER AIDES, PARAPROFESSIONAL	20	0.50	36.54	4.62
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	100	2.54	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	100	2.54	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	50	1.27	35.21	6.15
ALL OTHER SALES AND RELATED WORKERS	50	1.27	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	930	23.60	N.A.	N.A.
TEACHERS' AIDES AND EDUCATIONAL ASSISTANTS, CLERICAL	60	1.52	29.15	6.15
SECRETARIES	190	4.83	9.60	66.15
RECEPTIONISTS AND INFORMATION CLERKS	90	2.29	16.32	47.69
FILE CLERKS	20	0.50	15.56	6.15
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	130	3.30	16.37	50.77
GENERAL OFFICE CLERKS	90	2.29	20.47	20.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE				

SIC 824 CORRESPONDENCE & VOC SCHOOLS
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
OPERATORS	40	1.00	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	20	0.50	35.07	7.69
ALL OTHER OFFICE MACHINE OPERATORS	20	0.50	N.A.	N.A.
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	10	0.25	20.11	9.23
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	20	0.50	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	280	7.12	N.A.	N.A.
SERVICE OCCUPATIONS	120	3.04	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	1.52	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	60	1.52	18.32	30.77
ALL OTHER SERVICE WORKERS	60	1.52	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	140	3.54	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	60	1.52	21.98	21.54
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	1.01	44.78	6.15
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	1.01	N.A.	N.A.

SIC 829 SCHOOLS & EDUCATIONAL SERVICES, NEC
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,700	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	310	11.60	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	50	1.87	N.A.	N.A.
EDUCATION ADMINISTRATORS	160	5.99	10.28	49.23
GENERAL MANAGERS AND TOP EXECUTIVES	90	3.37	19.89	36.92
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.37	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,810	67.74	N.A.	N.A.
TEACHERS AND INSTRUCTORS, VOCATIONAL EDUCATION AND TRAINING	460	17.22	16.98	27.69
INSTRUCTORS, NONVOCATIONAL EDUCATION	1,010	37.82	9.45	52.31
ALL OTHER TEACHERS AND INSTRUCTORS	50	1.87	49.93	6.15
VOCATIONAL AND EDUCATIONAL COUNSELORS	20	0.74	46.43	6.15
INSTRUCTIONAL COORDINATORS	40	1.49	45.17	12.31
TEACHER AIDES, PARAPROFESSIONAL	30	1.12	46.10	6.15
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	30	1.12	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	170	6.36	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	30	1.11	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	10	0.37	40.67	6.15
ALL OTHER SALES AND RELATED WORKERS	20	0.74	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	410	15.31	N.A.	N.A.
TEACHERS' AIDES AND EDUCATIONAL ASSISTANTS, CLERICAL	20	0.74	39.23	7.69
SECRETARIES	140	5.24	12.58	55.38
RECEPTIONISTS AND INFORMATION CLERKS	60	2.24	17.20	33.85
TYPISTS	20	0.74	26.19	7.69
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	1.49	23.13	23.08
GENERAL OFFICE CLERKS	80	2.99	34.07	13.85
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	1.87	N.A.	N.A.
SERVICE OCCUPATIONS	50	1.86	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	1.12	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	30	1.12	29.45	13.85
ALL OTHER SERVICE WORKERS	20	0.74	N.A.	N.A.

SIC 829 SCHOOLS & EDUCATIONAL SERVICES, NEC
REFERENCE DATE : APRIL 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	90	3.35	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	10	0.37	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	50	1.87	N.A.	N.A.
HELPERS, LABORERS,&D MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	20	0.74	44.36	3.08
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.37	N.A.	N.A.

GLOSSARY OF TERMS

ES-202, Quarterly Report of Employment and Wages: A listing of all employing units, within the state, covered under the Unemployment Insurance Law.

Establishment: An economic unit which produces goods or services. In most instances, each establishment is a single physical location and is engaged in one predominate type of economic activity for which an industry code is applicable. Establishments are also referred to as reporting units.

Standard Industrial Classification (SIC): The SIC is the classification of establishments by type of economic activity in which engaged. It is a classification of establishment, rather than legal entities or enterprises by kinds of business, and not by occupations or commodities. It encompasses all economic activity.

Universe: Total establishments or units covered under the ES-202, Quarterly Report of Employment and Wages.

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Texas Occupational Employment Statistics

Industry Staffing Patterns

1985
Railroads

TEXAS EMPLOYMENT COMMISSION

In cooperation with the U.S. Department of Labor

Bureau of Labor Statistics

Issued October 1987

TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

FOR
RAILROADS

May 1985

Prepared by
Texas Employment Commission
Economic Research and Analysis
TEC Building
Austin, Texas 78778

Issued October 1987

PREFACE

This publication summarizes the results of an occupational employment survey of the railroad sector in Texas.

This report is the product of a Federal-State Cooperative Program. The Bureau of Labor Statistics (BLS) developed the procedures and provided technical assistance. The Department of Labor through BLS funded the project and was responsible for the administrative aspects of the program. The Texas Employment Commission collected and analyzed the data, provided the necessary computer services, and published the findings.

Special thanks are extended to the many cooperating employers who provided the survey data which made this publication possible.

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INTRODUCTION

The Occupational Employment Statistics (OES) Program is an ongoing Federal-State Cooperative Program that produces current estimates of industry staffing patterns by occupation through periodic surveys of the nonfarm wage and salary sector of the Texas economy. It consists of three parts: the OES survey, the industry-occupation matrix, and projections. This publication presents the results of the survey phase.

The program's primary purpose is to collect and summarize current occupational data by industry which will be used to measure and define occupational needs and trends. The data will also be used to refine and modify the worker-demand projections generated through the Industry-Occupation Matrix. The OES program has continued to expand and develop in order to meet the changing needs of data users, such as companies considering new plant locations, business firms involved in research projects, vocational education groups developing curricula, as well as Private Industry Councils, job-seekers, guidance counselors, community leaders, chambers of commerce, students, etc.

Occupational staffing patterns are presented for the railroad sector. Data was collected from Texas employers for the month of May 1985.

This publication and other industry publications will be updated at three-year intervals to provide a better basis for decision-making at all levels of human resource planning and development. Other publications providing industry and occupational data are available from the Texas Employment Commission upon request.

METHODOLOGY

THE SAMPLE

Total universe employment was used.

COLLECTION PROCEDURES

The majority of the data was collected by mail. Each selected establishment received a structured schedule for their specific industry. The survey form includes instructions, occupational titles and definitions, establishment identification, and a three-digit Standard Industrial Classification (SIC) description. An open-end feature allows respondents to report occupations not listed or new emerging occupations.

Survey procedures included three follow-up mailings to nonrespondents. The telephone was used extensively to clarify data and to canvass critical nonrespondents.

SAMPLING ERROR

There is no sampling error in railroads because universe employment was used.

NONSAMPLING ERROR

Nonsampling error results from several aspects of the survey process, such as repsondent error, processing errors, questionnaire design, etc. It cannot be measured with reasonable precision, therefore, survey procedures and estimating processes have been designed to minimize it.

ESTIMATING PROCEDURES

All establishments in a given estimating cell were assigned a sample weight which was the inverse of the sampling ratio. Employment for each occupation was multiplied by its establishment's sample weight and summed for all sample establishments in one cell. Summed total employment in each establishment was multiplied by that establishment's sample weight and summed for all establishments in the cell. Weighted total establishment employment was expressed as a percent of weighted summed establishment employment to form the ratio for the estimate.

This was the arithmetic expression of the occupational pattern for the estimated cell. The benchmark figures for the survey month (May 1985) were divided by the weighted total establishment employment. Each weighted reported occupational employment in the cell was multiplied by this ratio to get the estimated employment for each occupation. To aggregate across size classes, all these estimates were added to get one total estimate for each occupation.

CONSIDERATIONS IN USING THE ESTIMATES

RELATIVE ERROR

From an accuracy standpoint, the higher the relative error, the less accurate the estimate. If relative errors exceeded fifty percent (50%), the employment from these occupations was merged with the employment of a relevant "all other" category.

ROUNDING AND OCCUPATIONS WITH LESS THAN TEN EMPLOYMENT

All estimates were rounded to the nearest ten (10). The percent distribution column may not add up to one hundred percent (100%) because of the computer rounding procedure.

Occupations with employment less than ten (10) were combined with a relevant "all other" category. "N.A." means not applicable.

The employment count reflects the number of jobs and not the number of persons holding jobs.

SIC 401 RAILROADS
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	24,370	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,320	5.38	N.A.	N.A.
FINANCIAL MANAGERS	60	0.24	22.56	51.72
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	70	0.28	38.97	20.69
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	210	0.86	44.05	20.69
ADMINISTRATIVE SERVICES MANAGERS	90	0.36	23.67	24.14
CONSTRUCTION MANAGERS	30	0.12	14.99	24.14
COMMUNICATIONS, TRANSPORTATION, AND UTILITIES OPERATIONS MANAGERS	580	2.38	6.47	37.93
GENERAL MANAGERS AND TOP EXECUTIVES	90	0.36	28.09	68.97
ALL OTHER MANAGERS AND ADMINISTRATORS	190	0.78	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	830	3.38	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	130	0.53	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.08	37.70	10.34
ALL OTHER MANAGEMENT SUPPORT WORKERS	210	0.86	N.A.	N.A.
ENGINEERS	170	0.69	N.A.	N.A.
CIVIL ENGINEERS, INCLUDING TRAFFIC	140	0.57	23.35	31.03
ALL OTHER ENGINEERS	30	0.12	12.19	13.79
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.16	18.43	13.79
COMPUTER SCIENTISTS AND RELATED WORKERS	40	0.16	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	20	0.08	33.00	13.79
COMPUTER PROGRAMMERS	20	0.08	32.14	13.79
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	220	0.90	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	260	1.04	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	60	0.24	23.38	24.14
SALES REPRESENTATIVES AND SALESPERSONS, SERVICES	80	0.32	N.A.	N.A.
SALES AGENTS, SELECTED BUSINESS SERVICES	80	0.32	12.44	24.14
CASHIERS	30	0.12	13.78	13.79
ALL OTHER SALES AND RELATED WORKERS	90	0.36	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,100	12.65	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	350	1.43	14.84	41.38
ADJUSTMENT CLERKS	70	0.28	9.44	24.14
SECRETARIES	200	0.82	8.69	41.38
STENOGRAPHERS	70	0.28	29.78	20.69

SIC 401 RAILROADS
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TYPISTS	30	0.12	41.42	13.79
TYPISTS, WORD PROCESSING EQUIPMENT	20	0.08	39.79	13.79
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	0.20	34.24	37.93
PAYROLL AND TIMEKEEPING CLERKS	20	0.08	36.04	20.69
BILLING, COST AND RATE CLERKS	80	0.32	24.30	27.59
GENERAL OFFICE CLERKS	780	3.20	18.11	48.28
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	80	0.32	N.A.	N.A.
TELEGRAPH AND TELETYPE OPERATORS	110	0.45	28.51	20.69
ALL OTHER COMMUNICATIONS EQUIPMENT OPERATORS	170	0.69	N.A.	N.A.
MESSENGERS	60	0.24	30.14	24.14
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	730	2.99	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	260	1.06	8.56	20.69
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	470	1.93	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	280	1.15	N.A.	N.A.
SERVICE OCCUPATIONS	290	1.17	N.A.	N.A.
RAILROAD AND TRANSIT POLICE AND SPECIAL AGENTS	140	0.57	19.01	27.59
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	0.24	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	60	0.24	25.62	24.14
ALL OTHER SERVICE WORKERS	90	0.36	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	18,570	76.20	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,170	4.79	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	260	1.06	16.56	34.48
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	400	1.64	11.90	24.14
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	300	1.23	12.07	27.59
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	210	0.86	N.A.	N.A.
TRANSPORTATION INSPECTORS	120	0.49	13.89	20.69
ALL OTHER INSPECTORS, TESTERS AND RELATED OCCUPATIONS	40	0.16	23.51	10.34
MAINTENANCE REPAIRERS, GENERAL UTILITY	90	0.36	44.83	20.69
RAIL CAR REPAIRERS	670	2.75	21.35	41.38

SIC 401 RAILROADS
REFERENCE DATE : MAY 12, 1985

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SIGNAL OR TRACK SWITCH MAINTAINERS	400	1.64	14.96	24.14
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	810	3.32	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	3,290	13.50	N.A.	N.A.
CARPENTERS	140	0.57	15.29	24.14
ELECTRICIANS	90	0.36	32.65	13.79
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	10	0.04	35.77	10.34
RAIL-TRACK LAYING AND MAINTENANCE EQUIPMENT OPERATORS	2,950	12.12	8.18	58.62
ALL OTHER CONSTRUCTION TRADES WORKERS	100	0.41	25.04	13.79
MOTOR VEHICLE OPERATORS	20	0.08	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	20	0.08	40.52	10.34
RAILROAD CONDUCTORS AND YARDMASTERS	2,180	8.96	7.60	79.31
LOCOMOTIVE ENGINEERS	1,440	5.91	5.94	79.31
LOCOMOTIVE FIRERS	620	2.54	13.90	31.03
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS	4,620	18.98	7.47	79.31
ALL OTHER RAIL VEHICLE OPERATIVES AND CONTROLLERS	640	2.63	N.A.	N.A.
ALL OTHER TRANSPORTATION AND RELATED WORKERS	40	0.16	44.34	10.34
HELPERS, MECHANIC AND REPAIRER	110	0.45	27.09	20.69
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,320	5.42	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	990	4.06	N.A.	N.A.

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